

**Self-Implementing
On-Site Cleanup and Disposal Plan
for PCB Containing Materials**
Central High School
Bridgeport, Connecticut

Silver Petrucelli & Associates
Hamden, Connecticut

October 2013



Fuss & O'Neill EnviroScience, LLC
56 Quarry Road
Trumbull, CT 06611



FUSS & O'NEILL
EnviroScience, LLC

October 16, 2013

Ms. Kimberly Tisa
PCB Coordinator
U.S. Environmental Protection Agency
5 Post Office Square, Suite 100
Boston, MA 02109-3912

**RE: Self-Implementing On-Site Cleanup and Disposal
PCB Containing Materials
Central High School, Bridgeport, Connecticut**
Fuss & O'Neill Project No. 20111165.A2E

Dear Ms. Tisa:

We are submitting this Self-Implementing On-Site Cleanup and Disposal Plan (SIP) for removal of polychlorinated biphenyls (PCBs) containing materials at the above referenced site. This SIP plan has been prepared in accordance with the requirements of 40 CFR Part 761.61 (a)(3).

Thank you for your attention to this matter and if you have any questions with regard to the plan please contact either of the undersigned at (203) 374-3748.

Sincerely,

Kevin McCarthy
Project Manager

KM/kr

56 Quarry Road
Trumbull, CT
06611
t 203.374.3748
800.286.2469
f 203.374.4391

www.fando.com

Connecticut
Massachusetts
Rhode Island

Enclosure: Self-Implementing Cleanup and Disposal Plan

cc: John Ireland, Silver Petrucelli & Associates
Robert Hedman, City of Bridgeport
Gary Trombly, State of Connecticut Department of Energy and Environmental Protection

Table of Contents

Self-Implementing On-Site Cleanup and Disposal Plan for PCB Containing Materials Central High School

1	Introduction	1
1.1	Background	1
1.1.1	Building Construction	1
1.1.2	Renovation Project	1
1.2	Project Objectives.....	2
1.3	Plan Organization.....	3
2	Site Characterization	3
2.1	Sample Collection and Analysis	4
2.1.1	Source Material Sampling.....	4
2.1.2	Adjacent Surface Sampling.....	5
2.2	Sample Analysis Results	7
2.2.1	Source Material Sample Analysis Results	7
2.2.1.1	PCB Bulk Product	7
2.2.1.2	<50 PPM PCB Containing Materials	9
2.2.2	Adjacent Surface Material Sample Analysis Results.....	11
2.2.2.1	Adjacent Porous Exterior Concrete	11
2.2.2.2	Adjacent Porous Exterior Brick	12
2.2.2.3	Adjacent Porous Interior Block	13
2.2.3	Adjacent Ground Surfaces Analysis Results	13
2.2.3.1	Adjacent Porous Soil.....	13
3	Remediation Plan.....	41
3.1	Site Preparation and Controls.....	43
3.1.1	General.....	43
3.1.2	PCB Bulk Product.....	43
3.1.3	<50 PPM PCB Containing Materials.....	44
3.1.3.1	Exterior Materials.....	44
3.1.3.2	Interior Materials.....	45
3.2	Removal Procedures.....	45
3.2.1	PCB Bulk Product Waste Materials	46
3.2.2	PCB Remediation Waste –Soil.....	46
3.2.3	<50 PPM PCB Containing Materials.....	47
3.3	Encapsulation Procedures	48
3.4	Post-Cleaning Verification Sampling Plan	48
3.4.1	Visual Inspection.....	48
3.4.2	Porous Exterior Brick Surfaces.....	48
3.4.3	Soil.....	49
3.4.4	Encapsulated Surfaces.....	50

Table of Contents

Self-Implementing On-Site Cleanup and Disposal Plan for PCB Containing Materials Central High School

4	Schedule and Plan Certification.....	50
----------	---------------------------------------------	-----------

Figures

End of Report

1-1 – 1-11	Site Plan
2-1 – 2-11	PCB Source Sampling Plan
3-1 – 3-11	PCB Adjacent Surface Sampling Plan
4-1 – 4-6	PCB Adjacent Ground Surface Sampling Plan
5-1 – 5-11	PCB Remediation Plan

Appendices

Appendix A	Laboratory Analysis and Chain of Custody Source Materials - Bulk
Appendix B	Laboratory Analysis and Chain of Custody Adjacent Porous Surfaces - Bulk
Appendix C	Technical Specification Section

1 Introduction

This plan has been prepared by Fuss & O'Neill EnviroScience, LLC (EnviroScience) on behalf of the City of Bridgeport, Robert Hedman, School Construction Department, City of Bridgeport, City Hall, 999 Broad Street, Bridgeport, CT 06604, (203) 576-7217, robert.hedman@bridgeportct.gov and Silver Petrucelli & Associates Architects. The plan has been prepared to comply with the U.S. Environmental Protection Agency (USEPA) requirements for a Self-Implementing On-Site Clean-Up and Disposal Plan (SIP) in accordance with 40 CFR Part 761.61(a)(3).

Exterior expansion caulking compounds associated with the brick veneer and exterior concrete column/rooftop coping stone caulking compounds associated with structural concrete columns and rooftop coping stone overhangs throughout the existing building have been determined to contain polychlorinated biphenyls (PCBs) above regulated concentrations at Central High School, One Lincoln Boulevard, Bridgeport, Connecticut.

1.1 Background

1.1.1 Building Construction

The existing Central High School was constructed in 1963 and consists of a two story building. The building consists of classrooms, a cafeteria, kitchen, gymnasium, auditorium, and support spaces. The building is constructed of structural concrete walls, floors, and ceilings. The exterior of the building is a mixture of brick veneer and structural concrete.

A Site Plan of the existing building layout is included as *Figure 1-1* through *Figure 1-11*.

1.1.2 Renovation Project

The existing Central High School is scheduled for a complete renovation in 2014 and 2015.

Based on the scope of renovations, the following materials are scheduled to be removed and disposed of as PCB Bulk Product:

- Approximately 160 linear feet exterior expansion Caulking compounds – grey colored

Based on the scope of renovations, the following material is scheduled to be removed and disposed of as PCB Bulk Product and the contaminated structural concrete encapsulated:

- Approximately 18,000 linear feet of exterior concrete column/rooftop coping stone caulking compounds – white colored

Based on the scope of renovations, the following material is scheduled to be removed and disposed of as PCB Remediation Waste and the contaminated structural concrete encapsulated:

- Approximately 700 cubic yards of contaminated soils and/or concrete

Based on the scope of renovations, the following material is scheduled to be removed and disposed of as <50 PPM PCB Containing Waste:

- Approximately 1,000 linear feet of exterior vent caulking compounds – grey colored
- Approximately 200 linear feet of exterior door caulking compounds associated with single door systems – grey colored
- Approximately 500 linear feet interior window caulking compounds associated with single window systems – grey colored
- Approximately 1,500 linear feet of interior window glazing compounds associated with single window systems – white colored
- Approximately 3,000 linear feet interior and exterior door/window caulking compounds associated with stair tower door/window systems – grey colored
- Approximately 5,000 linear feet of interior and exterior window glazing compounds associated with stair tower door/window systems – white colored
- Approximately 20,000 square feet of ceiling tiles – 1x1 ceiling tile type I and 2x4 ceiling tile replacement type III
- Approximately 190,000 square feet of black flooring mastic
- Approximately 10,000 square feet of cove base glue – brown, yellow, and white colored

1.2 Project Objectives

This Self-Implementing On-Site Clean-Up and Disposal Plan is for the removal of PCB containing materials with equal to or greater than 50 parts per million (ppm) PCBs as PCB Bulk Product Waste. The PCB Bulk Product Waste consists of exterior expansion caulking compounds and exterior concrete column/rooftop coping stone caulking compounds.

Following removal of the exterior expansion caulking compounds, post cleaning verification sampling shall be performed in accordance with Sub-Part O. Following removal of the exterior concrete column/rooftop coping stone caulking compounds, the exterior concrete column/rooftop coping stone caulking compound joint in their entirety and six inches on each side of the column caulking compound joint will be encapsulated with two coats of Sikagard 62 and/or Armstrong Rextthane and applied in accordance with the manufacturer's recommendations. This encapsulation is necessary due to the structural integrity of the concrete columns. Once encapsulation is complete, verification sampling of the encapsulated surface shall be conducted in accordance with a modified approach to Sub-Part P.

Additionally this Self-Implementing On-Site Clean-Up and Disposal Plan includes the removal of adjacent ground surface materials as PCB Remediation Waste including PCB contaminated soil in accordance with 40 CFR 761.61 (a). Soil shall be removed as PCB Remediation Waste to meet the unrestricted use clean-up standard of PCB ≤ 1 ppm for a high occupancy use structure as verified in accordance with Sub-Part O.

Finally, this Self-Implementing On-Site Clean-Up and Disposal Plan includes information regarding knowledge of renovation history and verification of adjacent porous materials to identify potentially

“Excluded PCB Products”. Materials containing <50 ppm PCBS shall be removed as part of the renovations to meet requirements of the State of Connecticut Department of Energy and Environmental Protection (CTDEEP).

1.3 Plan Organization

This Self-Implementing On-Site Clean-Up and Disposal Plan is organized into the following sections:

Section 2: Site Characterization

The site characterization section provides a summary of the sampling performed to delineate the nature and extent of PCB as required in accordance with 40 CFR Part 761.61 (a)(3) (A-C). The section includes the nature of the contamination including kinds of materials; a summary of the procedures used to sample contaminated and adjacent surfaces; and the location and extent of the identified contaminated areas.

Section 3: Remediation Plan

The remediation plan includes a discussion of how the remedial objectives identified in Section 1.2 shall be met and the remediation approach, cleanup levels to be met and the verification sampling approach to be utilized. This section includes diagrams depicting the areas of proposed remediation work and location for post-remediation verification sampling. The remediation plan is submitted in accordance with 40 CFR Part 761.61 (a)(3)(D).

Section 4: Schedule and Certification

The proposed schedule for implementation and reporting schedule is provided. This section includes the written certification signed by the Owner of the property and other responsible parties responsible for the remediation, cleanup and disposal in accordance with 40 CFR Part 761.61 (a)(3)(E).

2 Site Characterization

This section provides a summary of the sampling performed to delineate the nature and extent of PCB as required in accordance with 40 CFR Part 761.61 (a)(3) (A-C). The section includes the nature of the contamination including kinds of materials; a summary of the procedures used to sample contaminated and adjacent surfaces; and the location and extent of the identified contaminated areas.

The following sections describe the selection of sample locations, sample collection methods, and the results of the characterization data. Sampling was performed in two distinct phases.

The initial site characterization of source materials (building products) such as caulking and glazing compounds (Phase 1) as well as testing of adjacent surfaces to facilitate development of this Self-Implementing On-Site Cleanup and Disposal Plan (Phase 2) was performed by Fuss & O'Neill EnviroScience, LLC of Trumbull, Connecticut.

Figures depicting the locations of all samples collected by Fuss & O'Neill EnviroScience are included in *Figure 2-1 – 2-11, 3-1 – 3-11, and 4-1 – 4-6.*

2.1 Sample Collection and Analysis

2.1.1 Source Material Sampling

Testing of source materials was conducted by Fuss & O'Neill EnviroScience representatives, Kevin McCarthy, James Blum, and John Hobbins. The sampling was performed on April 2, 2012, April 3, 2013, March 28, 2013, and September 5, 2013.

Bulk Sampling – Source Materials

Sampling involved removal of bulk product materials (source materials) using hand tools to submit in bulk form to determine PCB content. Tools utilized to collect samples were decontaminated between sampling using a hexane wash series consisting of tap water, soapy water, distilled water, hexane, and distilled water. Each sample was placed in containers, labeled, and delivered to laboratory using proper chain of custody. Samples were analyzed at Phoenix Environmental Laboratories, Inc. of Manchester, Connecticut. The analytical method for analysis included extraction method 3540C and analysis method SW846 8082.

Representative samples of each of the following building products were collected for analysis of PCBs:

- Exterior Expansion Caulking Compounds – Grey Colored
- Exterior concrete column/rooftop coping stone caulking Compounds – White Colored
- Exterior Vent Caulking Compounds – Grey Colored
- Exterior Door Caulking Compounds associated with Single Door Systems – Grey Colored
- Interior Window Glazing Compounds associated with Single Window Systems – White Colored
- Interior Window Caulking Compounds associated with Single Window Systems – Grey Colored
- Exterior Window Glazing Compounds associated with Single Window Systems – White Colored
- Exterior Window Caulking Compounds associated with Single Window Systems – Grey Colored
- Exterior Window Glazing Compounds – Replacement Types I, II, and II associated with the Stair Tower Door/Window Systems
- Exterior Window Glazing Compounds associated with the Stair Tower Door/Window Systems – White Colored
- Exterior Door/Window Caulking Compounds associated with Stair Tower Door/Window Systems – Grey Colored
- Exterior Door/Window Caulking Compounds – Replacement Type I associated with Stair Tower Door/Window Systems – Grey Colored
- Interior Window Glazing Compounds associated with Stair Tower Door/Window Systems – White Colored
- Interior Door/Window Caulking Compounds associated with Stair Tower Door/Window Systems – Grey Colored
- 2x4 Ceiling Tiles – Types I and II Pinhole and Type I Common
- 1x1 Ceiling Tiles – Type I and II Common and Type I and II Replacement

- 2x4 Ceiling Tiles – Sheetrock Type
- 2x2 Ceiling Tiles – Smooth Type
- 2x4 Ceiling Tiles – Replacement Type I, II, and III
- Black Flooring Mastic
- Cove Glue – Brown, Yellow, and White Colored

The sample numbers, locations, material description, and analysis results are included in *Table 2.1*. Refer to *Figure 2-1 – 2-11* identifying the locations of collected samples.

2.1.2 Adjacent Surface Sampling

Sampling of adjacent surfaces was conducted by Fuss & O'Neill EnviroScience representatives, John Hobbins, James Blum, and Kevin McCarthy, on February 6, 2013, February 20, 2013, May 2, 2013, and June 24, 2013. All samples collected were transmitted to Phoenix Environmental Laboratories, Inc. of Manchester, Connecticut. The analytical method for analysis included extraction method 3540C and analysis method SW846 8082.

Porous Exterior Brick Surface

Fuss & O'Neill EnviroScience conducted sampling of masonry utilizing similar procedures to the EPA "Standard Operating Procedures for Sampling Porous Surfaces for Polychlorinated Biphenyls" Dated May 5, 2011. Sampling involved first complete removal of bulk product materials (source materials) at sampling location using hand tools. Intent was to ensure complete removal of source material prior to sampling adjacent surfaces. Once removal of all visible source material was performed the porous surfaces were cleaned using Hexane with a wire brush and surface was rinsed with distilled water.

The adjacent porous surface sampled included the exterior brick.

The porous surface was sampled using a mechanical hammer drill to obtain samples at a depth of one half inch at the joint of the exterior expansion caulking compounds, three inches away from the joint of the exterior expansion caulking compounds, and 12 inches away from the joint of the exterior expansion caulking compounds on February 6, 2013. This sampling was performed to identify the extent of PCB contamination within the exterior brick.

Additionally, the porous surface was sampled using a mechanical hammer drill to obtain samples at a depth of one half inch at the joint of the exterior door caulking compounds associated with older single door systems and exterior door/window caulking compounds associated with older stair tower at three locations, respectively, on February 6, 2013. This sampling was performed to identify if the exterior brick contained PCB contamination from a previous source which contaminated the exterior door caulking compounds and exterior door/window caulking compounds.

Tools utilized to collect samples were decontaminated between sampling using a hexane wash series consisting of tap water, soapy water, distilled water, hexane, and distilled water. Each sample was placed in 4 ounce glass jars, labeled and delivered to laboratory using proper chain of custody.

Porous Exterior Structural Concrete Surfaces

Fuss & O'Neill EnviroScience conducted sampling of masonry utilizing similar procedures to the EPA "Standard Operating Procedures for Sampling Porous Surfaces for Polychlorinated Biphenyls" Dated May 5, 2011. Sampling involved first complete removal of bulk product materials (source materials) at sampling location using hand tools. Intent was to ensure complete removal of source material prior to sampling adjacent surfaces. Once removal of all visible source material was performed the porous surfaces were cleaned using Hexane with a wire brush and surface was rinsed with distilled water.

The adjacent porous surface sampled included the exterior structural concrete.

The porous surface was sampled using a mechanical hammer drill to obtain samples at a depth of one half inch at the joint of the exterior concrete column/rooftop coping stone caulking compounds, three inches away from the joint of the exterior concrete column/rooftop coping stone caulking compounds, and 12 inches away from the joint of the exterior concrete column/rooftop coping stone caulking compounds at three locations on February 6, 2013. This sampling was performed to identify the extent of PCB contamination within the exterior structural concrete.

Additionally, the porous surface was sampled using a mechanical hammer drill to obtain samples at a depth of one half inch at the joint of the exterior vent caulking compounds at three locations on February 6, 2013. This sampling was performed to identify if the structural concrete contained PCB contamination from a previous source which contaminated the exterior vent caulking compounds.

Tools utilized to collect samples were decontaminated between sampling using a hexane wash series consisting of tap water, soapy water, distilled water, hexane, and distilled water. Each sample was placed in 4 ounce glass jars, labeled and delivered to laboratory using proper chain of custody.

Porous Interior Concrete Block Surface

Fuss & O'Neill EnviroScience conducted sampling of masonry utilizing similar procedures to the EPA "Standard Operating Procedures for Sampling Porous Surfaces for Polychlorinated Biphenyls" dated May 5, 2011. Sampling involved first complete removal of bulk product materials (source materials) at sampling location using hand tools. Intent was to ensure complete removal of source material prior to sampling adjacent surfaces. Once removal of all visible source material was performed the porous surfaces were cleaned using Hexane with a wire brush and surface was rinsed with distilled water.

The adjacent porous surface sampled included the interior concrete block.

The porous surface was sampled using a mechanical hammer drill to obtain samples at a depth of one half inch at the joint of the interior window caulking compounds associated with the older single window systems and the interior door/.window caulking compounds associated with the stair towers in three locations, respectively, on February 6, 2013. This sampling was performed to identify if the interior concrete block contained PCB contamination from a previous source which contaminated the exterior vent caulking compounds.

Tools utilized to collect samples were decontaminated between sampling using a hexane wash series consisting of tap water, soapy water, distilled water, hexane, and distilled water. Each sample was placed in 4 ounce glass jars, labeled and delivered to laboratory using proper chain of custody.

Porous Ground Surfaces

Soil, asphalt, brick, and/or concrete samples were collected from 215 locations. Samples were collected at the building foundation (drip-line), at a depth of one half inch, and at an interval of 10 feet in accordance with Sub-Part N. Two discrete samples were composited into one composite sample.

Additional samples were collected at the building foundation (drip-line) at a depth of one foot and two foot, if required, and at a distance of five feet from the building foundation at a depth of one half inch and one foot, if required.

Samples collected at the above specified intervals were collected by a hand spade tool, and transferred to glass containers, labeled and delivered to laboratory using proper chain of custody. Tools utilized to collect samples were decontaminated between sampling using a hexane wash series consisting of tap water, soapy water, distilled water, hexane, and distilled water.

2.2 Sample Analysis Results

The following tables summarize the specific sampling locations of collected samples and results of PCB analysis. The analytical method for analysis included extraction method 3540C (Soxhlet Extraction) and analysis method SW846 8082. The laboratory results and chain of custody are included in *Appendices A and B*.

2.2.1 Source Material Sample Analysis Results

Laboratory analysis results and chain of custody are included in *Appendix A* for source materials. The sample numbers, location, material description, and analysis results are included in *Table 2.1*. Refer to *Figures 2-1 – 2-11* identifying the locations of collected samples.

2.2.1.1 PCB Bulk Product

The analysis results of all collected materials are summarized in *Table 2.1*. Results of sampling indicate several samples were identified as containing PCB ≥ 50 ppm associated with the existing expansion caulking compounds and exterior column/rooftop coping stone caulking compounds. Materials containing PCB ≥ 50 ppm are listed in the following table.

Table 1.1
PCB Bulk Product Summary

Sample Number(s)	Sampled Location(s)	Material Description	Result (ppm)
201204030926-BR-EEC-01A	Exterior of girl's locker room	Exterior expansion caulking compounds	4,440 (Aroclor 1248)

Sample Number(s)	Sampled Location(s)	Material Description	Result (ppm)
201204030926-CN-ECC-01A, 01B, 01C	Exterior of classroom adjacent to media computer lab, exterior of 2 nd magnet math classroom from stair #7, and exterior of classroom between stair #8 and laundry room	Exterior concrete column/rooftop caulking compounds	7,600 - 8,700 (Aroclor 1248/1254/1260)

Based on the sampling results, the exterior expansion caulking compounds and exterior concrete column/rooftop coping stone caulking compounds are considered PCB Bulk Products.

Additionally, these materials were sampled for asbestos content and were determined to be none-detected for asbestos in representative samples.



Rooftop Coping Stone
Caulking Compounds



Concrete Column Caulking
Compounds



Expansion Caulking
Compounds

2.2.1.2 <50 PPM PCB Containing Materials

Results of sampling indicate several samples were identified as containing PCB <50 ppm. Materials containing PCB <50 ppm are listed in the following table.

Table 1.2
<50 ppm PCB Containing Materials Summary

Sample Number(s)	Sampled Location	Material Description	Result (ppm)
201204030926-EVC-01A	Exterior of freshman social studies classroom adjacent to stair #6	Exterior vent caulking compounds	2.1 (Aroclor 1248/1254)
201204030926-SD-EDC-01A, 0C	Exterior between theater and choral rooms and exterior of special education room	Exterior door caulking compounds associated with single door systems	1.1 – 2.8 (Aroclor 1248/1254)
201204030926-SW-IWC-01A, 01B, 01C	Team lockers by girl's locker room, Trainer's/coach's office by boys locker room, and cafeteria	Interior window caulking compounds associated with single window systems	17 – 30 (Aroclor 1248/1254)
201204030926-SW-EWG-01B	Trainer's/coach's office by boys locker room	Exterior window glazing compounds associated with single window systems	24 (Aroclor 1254)
201204030926-ST-EWG-01A	Stair #6	Exterior window glazing compounds associated with stair tower door/window systems	1.2 (Aroclor 1254)
2012-0403-0926-ST-ED/WC-01A, 01B, 01C	Stair #6, #8, and #2	Exterior door/window caulking compounds associated with stair tower door/window systems	7.3 (Aroclor 1248/1254) 1.3 – 7.0 (Aroclor 1248)
2012-0403-0926-ST-ID/WC-01A, 01B, 01C		Interior door/window caulking compounds associated with stair tower door/window systems	4.2 – 9.8 (Aroclor 1248/1254)
2012-0403-0926-ST-IWG-01A	Stair #6	Interior window glazing compounds associated with stair tower window systems	5.8 (Aroclor 1248/1254)

Sample Number(s)	Sampled Location	Material Description	Result (ppm)
201303281203-CT-06A, 06B, 06C	Cafeteria room F111, room F101, and main office	1x1 ceiling tile type I	2.5 – 4.0 (Aroclor 1254)
201303281203-CT-11B	Room A123	2x4 ceiling tile replacement type III	1.2 (Aroclor 1248)
201309050926-BM-01A, 01B, 0C	Custodian office, cafeteria room F111, and room B208	Black mastic	4.5 (Aroclor 1248) 1.8 – 4.3 (Aroclor 1254)
201309050926-CBG-02A, 02B, 02C	Room A6, room A127, and, room F201	Yellow Cove Base Glue	5.2 (Aroclor 1248/1254) 3.1 – 3.5 (Aroclor 1248)
201309050926-CBG-03C	Room C120	White Cove Base Glue	3.4 (Aroclor 1248)

Based on sampling results, the exterior vent caulking compounds, exterior door caulking compounds associated with single door systems, interior window caulking compounds and exterior window glazing compounds associated with single window systems, exterior and interior door/window caulking and glazing compounds associated with stair tower door/window systems, 1x1 ceiling tiles type I, 2x4 ceiling tiles replacement type III, black mastic, and cove base glue – yellow, brown, and white colored are <50 ppm based on representative samples collected. The materials are original building products and no renovation or repair work has been performed. The material meets the definition of an Excluded PCB Product in accordance with the definition in 40 CFR 761.3.

Additionally, the material were sampled for asbestos content and determined to contain asbestos.



Older Single Door System



Vent System



Stair Tower



Older Single Window System

2.2.2 Adjacent Surface Material Sample Analysis Results

Laboratory analysis results and chain of custody are included in Appendix B for adjacent porous material bulk samples. The sample numbers, locations, material description, and analysis results are included in *Table 2.1*. Refer to *Figures 3-1 through 3-11* identifying locations of collected samples.

2.2.2.1 Adjacent Porous Exterior Concrete

The analysis results of adjacent porous materials are summarized in *Table 2.1*.

The sample results of the adjacent porous exterior concrete associated with the exterior concrete column/rooftop coping stone caulking compounds and exterior vent caulking compounds are summarized in the following table.

Table 1.3
Adjacent Exterior Concrete Sampling Summary

Sample Number(s)	Sampled Location(s)	Material Description	Result (ppm)
201302061203-EEC-AS-BRICK-01A-01	Exterior of girls' locker room	Adjacent brick at exterior expansion caulking compound joint	ND <0.33
201302061203-EEC-AS-BRICK-01A-06		Adjacent brick at a distance of 6 inches from exterior expansion caulking compound joint	ND <0.32
201302061203-EEC-AS-BRICK-01A-12		Adjacent brick at a distance of 12 inches from exterior expansion caulking compound joint	ND <0.33

2.2.2.2 Adjacent Porous Exterior Brick

The analysis results of adjacent porous materials are summarized in *Table 2.1*.

The sample results of the adjacent porous exterior brick sampling associated with exterior expansion caulking compounds, exterior door caulking compounds associated with the single door systems, and exterior door/window caulking compounds associated with the stair tower door/window systems are summarized in the following table.

Table 1.4
Adjacent Exterior Brick Sampling Summary

Sample Number(s)	Sampled Location(s)	Material Description	Result (ppm)
201302061203-EEC-AS-BRICK-01A-01	Exterior of girls' locker room	Adjacent brick at exterior expansion caulking compound joint	ND <0.33
201302061203-EEC-AS-BRICK-01A-06	Exterior of girls' locker room	Adjacent brick at a distance of 6 inches from exterior expansion caulking compound joint	ND <0.32
201302061203-EEC-AS-BRICK-01A-12		Adjacent brick at a distance of 12 inches from exterior expansion caulking compound joint	ND <0.33
201302061203-EDC-AS-BRICK-01A, 01B, 01C	Exterior between theater and choral rooms, exterior of laundry room, and exterior of special education room	Adjacent brick at exterior door caulking compound joint	ND <0.32 – ND <0.33
201302061203-ST-ED/WC-AS-BRICK-01A, 01B, 01C	Stair #6, #8, and #2	Adjacent brick at exterior door/window caulking compounds joint	ND <0.32 – ND <0.33

Based on the sampling results, the exterior brick at joint of the exterior expansion caulking compounds is none detect for PCBs. In an effort to minimize the possibility of the post-cleaning verification sampling failures, the remediation project is scheduled to remove an entire brick on each side of the expansion joints to the nearest mortar joint. The estimated distance proposed for removal is one whole masonry unit of brick. In accordance with EPA re-interpretation of October 2012, the adjacent materials if removed with PCB Bulk Product materials intact shall be considered PCB Bulk Product Waste for disposal in accordance with 40 CFR 761.62.

Based on the sampling results, the exterior brick at joint of the exterior door caulking compounds associated with single door systems and exterior door/window caulking compounds associated with stair tower door/window systems are none detect for PCBs. This confirms that the source materials are Excluded PCB Products.

2.2.2.3 Adjacent Porous Interior Block

The analysis results of adjacent porous materials are summarized in *Table 2.1*.

The sample results of the adjacent porous interior block sampling associated with interior window caulking compounds associated with the single window systems and interior door/window caulking compounds associated with the stair tower door/window systems are summarized in the following table.

Table 1.5
Adjacent Interior Block Sampling Summary

Sample Number(s)	Sampled Location(s)	Material Description	Result (ppm)
201302061203-SW-IWC-AS-CB-01A, 01B, 01C	Team lockers by girl's locker room, Trainer's/coach's office by boys locker room, and cafeteria	Adjacent concrete block at interior window caulking compound joint	ND <0.32 - 3.6 (Aroclor 1242/1248)
201302061203-ST-ID/WC-AS-CB-01A, 01B, 01C	Stair #6, #8, and #2	Adjacent block at interior door/window caulking compounds joint	ND <0.33

Based on the sampling results, the interior block at joint of the interior window caulking compounds associated with single window systems and interior door/window caulking compounds associated with stair tower door/window systems are none detect for PCBs with the exception of the cafeteria which had a concentration of 3.6 ppm PCBs. This confirms that the source materials are Excluded PCB Products.

2.2.3 Adjacent Ground Surfaces Analysis Results

Laboratory analysis results and chain of custody are included in *Appendix B* for adjacent porous ground material bulk samples. The sample numbers, locations, material description, and analysis results are included in *Table 2.2* and *Table 2-31*. Refer to *Figures 4-1 through 4-6* identifying locations of collected samples.

2.2.3.1 Adjacent Porous Soil

The analysis results of adjacent soil/asphalt surfaces are summarized in *Table 2.2* and *2.3*.

Results of sampling indicate one concrete ground location as containing PCB > 1 ppm. The locations of soils containing PCB ≥ 1 ppm are listed in the following table.

Table 1.6
Adjacent Soil Ground Sample Analysis

Sample Number(s)	Sampled Location	Material Description	Result (ppm)
201202061203-ECC-AG-CONCRETE-03/04, 03A/04A, 03C, 04C	Exterior Classroom C111 – C113	Composite sample of soil at foundation at a depth of ½ inch, 12 inches, and 24 inches	0.78 (Aroclor 1248/1254) 1.1 – 1.9 (Aroclor)
201302061203-ECC-AG-SOIL-05/06, 05A/06A	Exterior Classroom C111	Composite sample of soil at foundation at a depth of ½ inch and 12 inches	1. – 7.6 (Aroclor 1248)
201302061203-ECC-AG-SOIL-07/08 07A/08A	Exterior Classroom C109	Composite sample of soil at foundation at a depth of ½ inch and 12 inches	4.2 (Aroclor 1248) 1.8 (Aroclor 1248/1254)
201302061203-ECC-AG-SOIL-09/10, 09A/10A	Exterior Classroom C107-C109	Composite sample of soil at foundation at a depth of ½ inch and 12 inches	1.4 – 7.3 (Aroclor 1248)
201302061203-ECC-AG-SOIL-11/12, 11A/12A	Exterior Classroom C107	Composite sample of soil at foundation at a depth of ½ inch and 12 inches	1.6 (Aroclor 1248/1254) 0.6 (Aroclor 1248)
201302061203-ECC-AG-SOIL-13/14	Exterior Classroom C105	Composite sample of soil 5 feet away from foundation at a depth of ½ inch	1.8 (Aroclor 1248/1254/1260)
201302061203-ECC-AG-SOIL-15/16	Exterior Classroom C103-C105	Composite sample of soil 5 feet away from foundation at a depth of ½ inch	1.3 (Aroclor 1248/1254)
201302061203-ECC-AG-SOIL-17/18, 17A/1	Exterior Classroom C103	Composite sample of soil at foundation at a depth of ½ inch and 12 inches	5 (Aroclor 1248/1254) 1 (Aroclor 1248)

Sample Number(s)	Sampled Location	Material Description	Result (ppm)
201302061203-ECC-AG-SOIL-19/20, 19A/20A	Exterior Classroom C101-C103	Composite sample of soil at foundation at a depth of ½ inch and 12 inches	6.5 (Aroclor 1248/1254) 0.53 (Aroclor 1248)
201302061203-ECC-AG-SOIL-21/22, 21A/22A	Exterior Classroom C101	Composite sample of soil at foundation at a depth of ½ inch and 12 inches	2.2 – 4.3 (Aroclor 1248)
201302061203-ECC-AG-SOIL-23/24	Exterior Classroom B117	Composite sample of soil at foundation at a depth of ½ inch	0.8 (Aroclor 1248/1254)
201302061203-ECC-AG-SOIL-25/26, 25A/26A, 25D/26D	Exterior Classroom B117	Composite sample of soil at foundation at a depth of ½ inch, 12 inches, and 24 inches	0.52 - 6 (Aroclor 1248)
201302061203-ECC-AG-SOIL-27/28	Exterior Classroom B117-B115	Composite sample of soil at foundation at a depth of ½ inch	5.6 (Aroclor 1248)
201302061203-ECC-AG-SOIL-29/30, 29A/30A, 29D/30D	Exterior Classroom B115	Composite sample of soil at foundation at a depth of ½ inch, 12 inches, and 24 inches	0.55 – 2.6 (Aroclor 1248/1254)
201302061203-ECC-AG-SOIL-31/32, 31A/32A	Exterior Classroom B113	Composite sample of soil at foundation at a depth of ½ inch and 12 inches	1.4 – 7 (Aroclor 1248)
201302061203-ECC-AG-SOIL-33/34, 33A/34A	Exterior Classroom B111	Composite sample of soil at foundation at a depth of ½ inch and 12 inches	1.6 – 7.2 (Aroclor 1248)
201302061203-ECC-AG-SOIL-35/36, 35A/36A, 35D/36D	Exterior Classroom B109	Composite sample of soil at foundation at a depth of ½ inch, 12 inches, and 24 inches	1.7 (Aroclor 1248/1254) 0.6 – 1.8 (Aroclor 1248)
201302061203-ECC-AG-SOIL-37/38, 37A/38A, 37D/38D	Exterior Classroom G109-B107	Composite sample of soil at foundation at a depth of ½ inch, 12 inches, and 24 inches	0.79 – 6.1 (Aroclor 1248)
201302061203-ECC-AG-SOIL-39/40, 39A/40A, 39D/40D	Exterior Classroom B107	Composite sample of soil at foundation at a depth of ½ inch, 12 inches, and 24 inches	0.69 – 6.5 (Aroclor 1248)
201302061203-ECC-AG-SOIL-41/42, 41A/42A	Exterior Classroom G107	Composite sample of soil at foundation at a depth of ½ inch and 12 inches, and 24 inches	0.91 – 8.2 (Aroclor 1248)
201305021203-ECC-AG-SOIL-41B/42B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	0.68 (Aroclor 1248)

Sample Number(s)	Sampled Location	Material Description	Result (ppm)
201302061203-ECC-AG-SOIL-43/44	Exterior Assistant Principal Office at B105	Composite sample of soil at foundation at a depth of ½ inch	1.4 (Aroclor 1248)
201302061203-ECC-AG-SOIL-45/46	Exterior Health Office Exam Room	Composite sample of soil at foundation at a depth of ½ inch	7.7 (Aroclor 1248)
201302061203-ECC-AG-SOIL-47/48	Exterior Nurse's Suite at Health Office	Composite sample of soil at foundation at a depth of ½ inch	3.1 (Aroclor 1248)
201302061203-ECC-AG-SOIL-106/107, 106A/107A	Exterior Cafeteria F111-F113	Composite sample of soil at foundation at a depth of ½ inch and 12 inches	12 - 14 (Aroclor 1248)
201302061203-ECC-AG-SOIL-108/109, 108A/109A, 108D/109D		Composite sample of soil at foundation at a depth of ½ inch, 12 inches, and 24 inches	0.75 – 7.7 (Aroclor 1248)
201302061203-ECC-AG-SOIL-110/111, 110A/111A		Composite sample of soil at foundation at a depth of ½ inch and 12 inches	7.3 – 7.5 (Aroclor 1248)
201302061203-ECC-AG-SOIL-112/113, 112A/113A		Composite sample of soil at foundation at a depth of ½ inch	0.58 – 3.1 (Aroclor 1248)
201302061203-ECC-AG-SOIL-118/119, 118A/119A	Exterior Stairwell-Classroom E101	Composite sample of soil at foundation at a depth of ½ inch and 12 inches	0.73 – 1.7 (Aroclor 1248/1254)
201302061203-ECC-AG-SOIL-120/121, 120A/121A	Classroom E101	Composite sample of soil at foundation at a depth of ½ inch and 12 inches	1.1 – 7.3 (Aroclor 1248)
201302061203-ECC-AG-SOIL-122/123, 122A/123A	Exterior Classroom E103	Composite sample of soil at foundation at a depth of ½ inch and 12 inches	2.2 – 6.4 (Aroclor 1248)
201302061203-ECC-AG-SOIL-124/125, 124A/125A		Composite sample of soil at foundation at a depth of ½ inch and 12 inches	1.7 – 7.2 (Aroclor 1248)
201302061203-ECC-AG-SOIL-126/127, 126A/127A	Exterior Classroom E105	Composite sample of soil at foundation at a depth of ½ inch and 12 inches	3.6 – 9.4 (Aroclor 1248)
201302061203-ECC-AG-SOIL-128/129	Exterior Classroom E107	Composite sample of soil at foundation at a depth of ½ inch and 12 inches	0.82 – 4.4 (Aroclor 1248)
201302061203-ECC-AG-SOIL-130/131, 130A/131A	Exterior Classroom H107	Composite sample of soil at foundation at a depth of ½ inch and 12 inches	0.84 – 6.9 (Aroclor 1248)

Sample Number(s)	Sampled Location	Material Description	Result (ppm)
201302061203-ECC-AG-SOIL-132/133, 132A/133A	Exterior Classroom E109	Composite sample of soil at foundation at a depth of ½ inch and 12 inches	2.1 – 8.2 (Aroclor 1248)
201302061203-ECC-AG-SOIL-134/135, 134A/135A	Exterior Classroom E111	Composite sample of soil at foundation at a depth of ½ inch and 12 inches	1.5 – 34 (Aroclor 1248)
201302061203-ECC-AG-SOIL-136/137, 136A/137A, 136D/137D		Composite sample of soil at foundation at a depth of ½ inch, 12 inches, and 24 inches	0.82 – 7.4 (Aroclor 1248)
201302061203-ECC-AG-SOIL-138/139, 138A/139A	Exterior Classroom E113	Composite sample of soil at foundation at a depth of ½ inch and 12 inches	1.3 (Aroclor 1248/1254) 1.8 (Aroclor 1248)
201302061203-ECC-AG-SOIL-140/141, 140A/141A		Composite sample of soil at foundation at a depth of ½ inch	0.59 (Aroclor 1248/1254) 1.7 (Aroclor 1248)
201302061203-ECC-AG-SOIL-156/157		Composite sample of soil at foundation at a depth of ½ inch	1 (Aroclor 1248/1254/1260)
201302061203-ECC-AG-SOIL-158/159	Exterior Classroom E112	Composite sample of soil at foundation at a depth of ½ inch	1.2 (Aroclor 1248/1254/1260)
201302061203-ECC-AG-SOIL-160/161, 160A/161A, 160D/161D	Exterior Classroom E114	Composite sample of soil at foundation at a depth of ½ inch, 12 inches, and 24 inches	1.2 – 6.7 (Aroclor 1260)
201302061203-ECC-AG-SOIL-162/163		Composite sample of soil at foundation at a depth of ½ inch	1.2 (Aroclor 1248/1254)
201302061203-ECC-AG-SOIL-164/165, 164A/165A	Exterior Classroom E116	Composite sample of soil at foundation at a depth of ½ inch and 12 inches	0.94 – 3.6 (Aroclor 1248)

Sample Number(s)	Sampled Location	Material Description	Result (ppm)
201302061203-ECC-AG-SOIL-166/167, 166A/167A	Exterior Classroom E118	Composite sample of soil at foundation at a depth of ½ inch and 12 inches	1.2 – 5 (Aroclor 1248)
201302061203-ECC-AG-SOIL-168/169, 168A/169A		Composite sample of soil at foundation at a depth of ½ inch	0.5 – 8.1 (Aroclor 1248)
201302061203-ECC-AG-SOIL-170/171	Exterior Classroom E120	Composite sample of soil at foundation at a depth of ½ inch	2.3 (Aroclor 1248/1254)
201302061203-ECC-AG-SOIL-172/173, 172A/173A	Exterior Classroom E120	Composite sample of soil at foundation at a depth of ½ inch and 12 inches	0.76 – 4.56 (Aroclor 1248)
201302061203-ECC-AG-SOIL-174/175, 174A/175A	Exterior Classroom E122	Composite sample of soil at foundation at a depth of ½ inch and 12 inches	0.81 – 5.7 (Aroclor 1248)
201302061203-ECC-AG-SOIL-181/182, 181A/182A, 181D/182D	Exterior Classroom C118	Composite sample of soil at foundation at a depth of ½ inch, 12 inches, and 24 inches	5.9 (Aroclor 1248/1254)
			0.94 – 1.1 (Aroclor 1248)
201302061203-ECC-AG-SOIL-183/184	Exterior Classroom C116	Composite sample of soil at foundation at a depth of ½ inch	1.8 (Aroclor 1248/1254)
201302061203-ECC-AG-SOIL-185		Discrete sample of soil at foundation at a depth of ½ inch	2.9 (Aroclor 1248)
201302061203-ECC-AG-SOIL-186/187, 186A/187A, 186D/187D	Exterior Classroom C114	Composite sample of soil at foundation at a depth of ½ inch	0.62 – 12 (Aroclor 1248)
201302061203-ECC-AG-SOIL-188/189, 188A/189A	Exterior Classroom C112-C114	Composite sample of soil at foundation at a depth of ½ inch and 12 inches	2.6 (Aroclor 1248/1254)
			0.62 (Aroclor 1248)
201302061203-ECC-AG-SOIL-190/191, 190A/191A, 190D/191D	Exterior Classroom C112	Composite sample of soil at foundation at a depth of ½ inch	1.2 (Aroclor 1248/1254)
			0.84 – 1.5 (Aroclor 1248)

Sample Number(s)	Sampled Location	Material Description	Result (ppm)
201302061203-ECC-AG-SOIL-192/193, 192A/193A	Exterior Classroom C110	Composite sample of soil at foundation at a depth of ½ inch and 12 inches	3.9 – 7.7 (Aroclor 1248)
201302061203-ECC-AG-SOIL-194/195	Exterior Classroom B122	Composite sample of soil at foundation at a depth of ½ inch	1.5 (Aroclor 1248)
201302061203-ECC-AG-SOIL-196/197, 196A/197A, 196D/197D		Composite sample of soil at foundation at a depth of ½ inch, 12 inches, and 24 inches	1.4 (Aroclor 1248/1254) 0.61 – 0.97 (Aroclor 1248)
201302061203-ECC-AG-SOIL-198/199, 198A/199A, 198D/199D	Exterior Classroom B120	Composite sample of soil at foundation at a depth of ½ inch	1.4 (Aroclor 1248/1254) 0.5 – 1.3 (Aroclor 1248)
201302061203-ECC-AG-SOIL-200/201, 200A/201A, 200D, 201D	Exterior Classroom B118-B120	Composite sample of soil at foundation at a depth of ½ inch, 12 inches, and 24 inches	0.81 - 6 (Aroclor 1248)
201302061203-ECC-AG-SOIL-202/203	Exterior Classroom B118	Composite sample of soil at foundation at a depth of ½ inch	2 (Aroclor 1248/1254)
201302061203-ECC-AG-SOIL-204/205, 204A/205A, 204D/205D	Exterior Classroom B116	Composite sample of soil at foundation at a depth of ½ inch, 12 inches, and 24 inches	1.8 – 15 (Aroclor 1248)
201302061203-ECC-AG-SOIL-206/207	Exterior Classroom B114-B116	Soil located a distance of ½ inch away from column at a depth of ½ inch (composite sample of two columns)	4.3 (Aroclor 1248)
201302061203-ECC-AG-SOIL-208/209, 208A/209A, 208D/209D	Exterior Conference Room	Composite sample of soil at foundation at a depth of ½ inch, 12 inches, and 24 inches	0.69 – 1.6 (Aroclor 1248)
201305021203-ECC-AG-SOIL-208B/209B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	3.9 (Aroclor 1260)
201302061203-ECC-AG-SOIL-210/211, 201A/211A	Exterior Classroom B112	Composite sample of soil at foundation at a depth of ½ inch and 12 inches	0.75 – 1.2 (Aroclor 1248)

Sample Number(s)	Sampled Location	Material Description	Result (ppm)
201302061203-ECC-AG-SOIL-212/213, 212A/213A	Exterior Guidance Office	Composite sample of soil at foundation at a depth of ½ inch and 12 inches	1.2 – 4.9 (Aroclor 1248)
201302061203-ECC-AG-SOIL-214/215		Composite sample of soil at foundation at a depth of ½ inch	6.8 (Aroclor 1248)

Exterior Classroom C101 - C113

Based on sampling results, the soil was determined to be a PCB Remediation Waste and requires removal to a depth of three feet at the foundation to a depth of three feet five feet away from the foundation.

The soil requiring remediation is an area approximately 200 feet by five feet. Assuming an excavation of three feet, approximately 111 cubic yards of soil will need to be excavated to achieve remedial goals.

Exterior Nurse's Office – Classroom B117

Based on sampling results, the soil was determined to be a PCB Remediation Waste and requires removal to a depth of three feet at the foundation to a depth of three feet five feet away from the foundation.

The soil requiring remediation is an area approximately 270 feet by five feet. Assuming an excavation of three feet, approximately 150 cubic yards of soil will need to be excavated to achieve remedial goals.

Exterior of Cafeteria F111 – F113

Based on sampling results, the soil was determined to be a PCB Remediation Waste and requires removal to a depth of three feet at the foundation to a depth of three feet five feet away from the foundation.

The soil requiring remediation is an area approximately 90 feet by five feet. Assuming an excavation of three feet, approximately 50 cubic yards of soil will need to be excavated to achieve remedial goals.

Exterior Classroom E101 – E113

Based on sampling results, the soil was determined to be a PCB Remediation Waste and requires removal to a depth of three feet at the foundation to a depth of three feet five feet away from the foundation.

The soil requiring remediation is an area approximately 210 feet by five feet. Assuming an excavation of three feet, approximately 117 cubic yards of soil will need to be excavated to achieve remedial goals.

Exterior Classroom E110 – E122

Based on sampling results, the soil was determined to be a PCB Remediation Waste and requires removal to a depth of three feet at the foundation to a depth of three feet five feet away from the foundation.

The soil requiring remediation is an area approximately 200 feet by five feet. Assuming an excavation of three feet, approximately 111 cubic yards of soil will need to be excavated to achieve remedial goals.

Exterior Classroom C110 – C120

Based on sampling results, the soil was determined to be a PCB Remediation Waste and requires removal to a depth of three feet at the foundation to a depth of three feet five feet away from the foundation.

The soil requiring remediation is an area approximately 170 feet by five feet. Assuming an excavation of three feet, approximately 95 cubic yards of soil will need to be excavated to achieve remedial goals.

Exterior Classroom Guidance Office – B122

Based on sampling results, the soil was determined to be a PCB Remediation Waste and requires removal to a depth of three feet at the foundation to a depth of three feet five feet away from the foundation.

The soil requiring remediation is an area approximately 200 feet by five feet. Assuming an excavation of three feet, approximately 111 cubic yards of soil will need to be excavated to achieve remedial goals.

Table 2.1
Source Sample and Associated Adjacent Surface Analysis Result Summary

Date Collected	Sample Number(s)	Sampled Location	Material Description	Result (ppm)
4/3/12	201204030926-BR-EEC-01A	Exterior of girl's locker room	Exterior expansion caulking compounds	4,440 (Aroclor 1248)
2/6/13	201302061203-EEC-AS-BRICK-01A-01		Adjacent brick at exterior expansion caulking compound joint	ND <0.33
2/6/13	201302061203-EEC-AS-BRICK-01A-06		Adjacent brick at a distance of 6 inches from exterior expansion caulking compound joint	ND <0.32
2/6/13	201302061203-EEC-AS-BRICK-01A-12		Adjacent brick at a distance of 12 inches from exterior expansion caulking compound joint	ND <0.33
4/3/12	201204030926-CN-ECC-01A	Exterior of classroom adjacent to media computer lab	Exterior concrete column/rooftop caulking compounds	8,400 (Aroclor 1248)
2/6/13	201302061203-ECC-AS-CONC-01A-01		Adjacent concrete at exterior concrete column/rooftop coping stone caulking compound joint	ND <0.34
2/6/13	201302061203-ECC-AS-CONC-01A-06		Adjacent concrete at a distance of 6 inches from exterior concrete column/rooftop coping stone caulking compound joint	ND <0.34
2/6/13	201302061203-ECC-AS-CONC-01A-12		Adjacent concrete at a distance of 12 inches from exterior concrete column/rooftop coping stone caulking compound joint	ND <0.33
4/3/12	201204030926-CN-ECC-01B	Exterior of 2 nd magnet math classroom from stair #7	Exterior concrete column/rooftop caulking compounds	8,700 (Aroclor 1248/1260)
2/6/13	201302061203-ECC-AS-CONC-01B-01		Adjacent concrete at exterior concrete column/rooftop coping stone caulking compound joint	1.2 (Aroclor 1248)
2/6/13	201302061203-ECC-AS-CONC-01B-06		Adjacent concrete at a distance of 6 inches from exterior concrete column/rooftop coping stone caulking compound joint	ND <0.33
2/6/13	201302061203-ECC-AS-CONC-01B-12		Adjacent concrete at a distance of 12 inches from exterior concrete column/rooftop coping stone caulking compound joint	ND <0.33
4/3/12	201204030926-CN-ECC-01C	Exterior of classroom between stair #8 and laundry room	Exterior concrete column/rooftop caulking compounds	7,600 (Aroclor 1248/1254)
2/6/13	201302061203-ECC-AS-CONC-01C-01		Adjacent concrete at exterior concrete column/rooftop coping stone caulking compound joint	1.9 (Aroclor 1248)
2/6/13	201302061203-ECC-AS-CONC-01C-06		Adjacent concrete at a distance of 6 inches from exterior concrete column/rooftop coping stone caulking compound joint	ND <0.33
2/6/13	201302061203-ECC-AS-CONC-01C-12		Adjacent concrete at a distance of 12 inches from exterior concrete column/rooftop coping stone caulking compound joint	ND <0.33
4/3/13	201204030926-EVC-01A	Exterior of freshman social studies classroom adjacent to stair #6	Exterior vent caulking compounds	2.1 (Aroclor 1248/1254)
2/6/13	201302061203-EVC-AS-CONC-01A		Adjacent concrete at exterior vent caulking compound joint	ND <0.33
4/3/12	201204030926-EVC-01C	Exterior of magnet school English room near stair #9	Exterior vent caulking compounds	ND<0.82
2/6/13	201302061203-EVC-AS-CONC-01B		Adjacent concrete at exterior vent caulking compound joint	ND <0.33
4/2/13	201204030926-EVC-01C	Exterior side near stair #5	Exterior vent caulking compounds	0.96 (Aroclor 1248/1254)
2/6/13	201302061203-EVC-AS-CONC-01C		Adjacent concrete at exterior vent caulking compound joint	ND <0.33

Date Collected	Sample Number(s)	Sampled Location	Material Description	Result (ppm)
4/3/12	201204030926-SD-EDC-01A	Exterior between theater and choral rooms	Exterior door caulking compounds	1.1 (Aroclor 1248/1254)
2/6/13	201302061203-EDC-AS-BRICK-01A		Adjacent brick at exterior door caulking compound joint	ND <0.32
4/3/12	201204030926-SD-EDC-01B	Exterior of laundry room	Exterior door caulking compounds	ND <0.75
2/6/13	201302061203-EDC-AS-BRICK-01B		Adjacent brick at exterior door caulking compound joint	ND <0.33
4/3/12	201204030926-SD-EDC-01C	Exterior of special education room	Exterior door caulking compounds	2.8 (Aroclor 1248/1254)
2/6/13	201302061203-EDC-AS-BRICK-01C		Adjacent brick at exterior door caulking compound joint	ND <0.33
4/3/12	201204030926-SW-IWG-01A	Team lockers by girl's locker room	Interior window glazing compounds	ND <0.81
4/3/12	201204030926-SW-IWG-01B	Trainer's/coach's office by boys locker room		ND <0.76
4/3/12	201204030926-SW-IWG-01C	Cafeteria		ND <0.77
4/3/12	201204030926-SW-IWC-01A	Team lockers by girl's locker room	Interior window caulking compounds	30 (Aroclor 1248/1254)
2/6/13	201302061203-SW-IWC-AS-CB-01A		Adjacent concrete block at interior window caulking compound joint	ND <0.32
4/3/12	201204030926-SW-IWC-01B	Trainer's/coach's office by boys locker room	Interior window caulking compounds	24 (Aroclor 1248/1254)
2/6/13	201302061203-SW-IWC-AS-CB-01B		Adjacent concrete block at interior window caulking compound joint	ND <0.34
4/3/12	201204030926-SW-IWC-01C	Cafeteria	Interior window caulking compounds	17 (Aroclor 1248/1254)
2/6/13	201302061203-SW-IWC-AS-CB-01C		Adjacent concrete block at interior window caulking compound joint	3.6 (Aroclor 1242/1248)
4/3/12	201204030926-SW-EWC-01A	Team lockers by girl's locker room	Exterior window caulking compounds	ND <0.76
4/3/12	201204030926-SW-EWC-01B	Trainer's/coach's office by boys locker room		ND <0.83
4/3/12	201204030926-SW-EWC-01C	Cafeteria		ND <0.83
4/3/12	201204030926-SW-EWG-01A	Team lockers by girl's locker room	Exterior window glazing compounds	ND <0.82
4/3/12	201204030926-SW-EWG-01B	Trainer's/coach's office by boys locker room		24 (Aroclor 1254)
4/3/12	201204030926-SW-EWG-01C	Cafeteria		ND <0.79
4/3/12	201204030926-ST-EWG-01A-R	Stair #6	Exterior window glazing compounds – replacement I, II, and III	ND <0.41
4/3/12	201204030926-ST-EWG-01B-R	Stair #8		ND <0.43
4/3/12	201204030926-ST-EWG-01C-R	Stair #2		ND <0.82
4/3/12	201204030926-ST-EWG-01A	Stair #6	Exterior window glazing compounds	1.2 (Aroclor 1254)
4/3/12	201204030926-ST-EWG-01B	Stair #8		ND <0.80
4/3/12	201204030926-ST-EWG-01C	Stair #2		ND <0.81
4/3/12	2012-0403-0926-ST-ED/WC-01A	Stair #6	Exterior door/window caulking compounds	7.3 (Aroclor 1248 and 1254)
2/6/13	201302061203-ST-ED/WC-AS-BRICK-01A	Stair #6	Adjacent brick at exterior door/window caulking compounds joint	ND <0.32

Date Collected	Sample Number(s)	Sampled Location	Material Description	Result (ppm)
4/3/12	2012-0403-0926-ST-ED/WC-01B	Stair #8	Exterior door/window caulking compounds	7.0 (Aroclor 1248)
2/6/13	201302061203-ST-ED/WC-AS-BRICK-01B	Stair #8	Adjacent brick at exterior door/window caulking compounds joint	ND <0.33
4/3/12	2012-0403-0926-ST-ED/WC-01C	Stair #2	Exterior door/window caulking compounds	1.3 (Aroclor 1248)
2/6/13	201302061203-ST-ED/WC-AS-BRICK-01C	Stair #2	Adjacent brick at exterior door/window caulking compounds joint	ND <0.33
4/3/12	2012-0403-0926-ST-ED/WC-01DR	Stair #8	Exterior door/window caulking compounds –replacement type I	ND <0.82
4/3/12	2012-0403-0926-ST-ID/WC-01A	Stair #6	Interior door/window caulking compounds	7.0 (Aroclor 1248 and 1254)
2/6/13	201302061203-ST-ID/WC-AS-CB-01A	Stair #6	Adjacent concrete block at interior door/window caulking compound joint	ND <0.33
4/3/12	2012-0403-0926-ST-ID/WC-01B	Stair #8	Interior door/window caulking compounds	4.2 (Aroclor 1248 and 1254)
2/6/13	201302061203-ST-ID/WC-AS-CB-01B	Stair #8	Adjacent concrete block at interior door/window caulking compound joint	ND <0.33
4/3/12	2012-0403-0926-ST-ID/WC-01C	Stair #2	Interior door/window caulking compounds	9.8 (Aroclor 1248 and 1254)
2/6/13	201302061203-ST-ID/WC-AS-CB-01C	Stair #2	Adjacent concrete block at interior door/window caulking compound joint	ND <0.33
4/3/13	2012-0403-0926-ST-IWG-01A	Stair #6	Interior window glazing compounds	5.8 (Aroclor 1248 and 1254)
3/28/13	201303281203-CT-01A	Custodian Office	2x4 ceiling tile type I pinhole	ND <0.67
3/28/13	201303281203-CT-01B	Corridor at room F105		ND <0.74
3/28/13	201303281203-CT-01C	Corridor at room B204		ND <0.73
3/28/13	201303281203-CT-02A	Custodian Office	2x4 ceiling tile type I	ND <0.99
3/28/13	201303281203-CT-02B	Room C101		ND <0.43
3/28/13	201303281203-CT-02C	Corridor at room A13		ND <0.47
3/28/13	201303281203-CT-03A	Corridor at room F105	2x4 ceiling tile type II pinhole	ND <0.70
3/28/13	201303281203-CT-03B	Room B204		ND <0.69
3/28/13	201303281203-CT-03C	Corridor at room B204		ND <0.73
3/28/13	201303281203-CT-04A	Cafeteria Room F105	1x1 ceiling tile replacement type II	ND <0.87
3/28/13	201303281203-CT-04B	Cafeteria Room F105		ND <0.96
3/28/13	201303281203-CT-04C	Cafeteria room F111		ND <0.87
3/28/13	201303281203-CT-05A	Cafeteria room F111	1x1 ceiling tile type II	ND <0.50
3/28/13	201303281203-CT-05B	Cafeteria Room F105		ND <0.61
3/28/13	201303281203-CT-05C	Stair #3		ND <0.57
3/28/13	201303281203-CT-06A	Cafeteria room F111	1x1 ceiling tile type I	2.5 (Aroclor 1254)
3/28/13	201303281203-CT-06B	Room F101		4.0 (Aroclor 1254)
3/28/13	201303281203-CT-06C	Main Office		2.7 (Aroclor 1254)

Date Collected	Sample Number(s)	Sampled Location	Material Description	Result (ppm)
3/28/13	201303281203-CT-07A	Kitchen	2x4 ceiling tile sheetrock type	ND <0.58
3/28/13	201303281203-CT-07B	Kitchen		ND <0.62
3/28/13	201303281203-CT-07C	Kitchen		0.67 (Aroclor 1254)
3/28/13	201303281203-CT-08A	Front lobby	2x2 ceiling tile smooth type	ND <0.76
3/28/13	201303281203-CT-08B	Front lobby		0.67 (Aroclor 1254)
3/28/13	201303281203-CT-08C	Second floor corridor at auditorium		ND <0.63
3/28/13	201303281203-CT-09A	Room F220	2x4 ceiling tile replacement type I	ND <0.82
3/28/13	201303281203-CT-09B	Custodian office		ND <0.84
3/28/13	201303281203-CT-09C	Head custodian office		ND <0.78
3/28/13	201303281203-CT-10A	Custodian office	2x4 ceiling tile replacement type II	ND <0.70
3/28/13	201303281203-CT-10B	Corridor at room A11		ND <0.94
3/28/13	201303281203-CT-10C	Room C206		ND <0.75
3/28/13	201303281203-CT-11A	Room A123	2x4 ceiling tile replacement type III	0.9 (Aroclor 1248)
3/28/13	201303281203-CT-11B	Room A123		1.2 (Aroclor 1248)
3/28/13	201303281203-CT-11C	Room A123		0.67 (Aroclor 1248)
3/28/13	201303281203-CT-12A	Library	1x1 ceiling tile replacement type I	0.63 (Aroclor 1254)
3/28/13	201303281203-CT-12B	Library		0.82 (Aroclor 1254)
3/28/13	201303281203-CT-12C	Library		0.82 (Aroclor 1254)
9/5/2013	201309050926-BM-01A	Custodian office	Black mastic	4.5 (Aroclor 1248)
9/5/2013	201309050926-BM-01B	Cafeteria room F111		4.3 (Aroclor 1254)
9/5/2013	201309050926-BM-01C	Room B208		1.8 (Aroclor 1254)
9/5/2013	201309050926-CBG-01A	Custodian office	Brown Cove Base Glue	0.82 (Aroclor 1248)
9/5/2013	201309050926-CBG-01B	Cafeteria room F111		3.0 (Aroclor 1248/1254)
9/5/2013	201309050926-CBG-01C	Room B208		4.3 (Aroclor 1248/1254)

Date Collected	Sample Number(s)	Sampled Location	Material Description	Result (ppm)
9/5/2013	201309050926-CBG-02A	Room A6	Yellow Cove Base Glue	5.2 (Aroclor 1248/1254)
9/5/2013	201309050926-CBG-02B	Room A127		3.5 (Aroclor 1248)
9/5/2013	201309050926-CBG-02C	Room F201		3.1 (Aroclor 1248)
9/5/2013	201309050926-CBG-03A	Head custodian office	White Cove Base Glue	0.93 (Aroclor 1248)
9/5/2013	201309050926-CBG-03B	Room B103		0.7 (Aroclor 1248)
9/5/2013	201309050926-CBG-03C	Room C120		3.4 (Aroclor 1248)

Table 2.2
Adjacent Ground Surface Sample Associated with Exterior Expansion Caulking Compounds Analysis Result Summary

Date Collected	Sample Number(s)	Sampled Location	Material Description	Result (ppm)
2/20/13	201302061203-EEC-AG-ASPH-01/02 COMP	Boys Locker Room	Composite sample of asphalt at foundation at a depth of ½ inch	ND <0.16
2/20/13	201302061203-EEC-AG-SOIL-03/04 COMP	Equipment Storage	Composite sample of soil at foundation at a depth of ½ inch	0.41 (Aroclor 1254)
2/20/13	201302061203-EEC-AG-SOIL-05/06 COMP	Girls Locker Room	Composite sample of asphalt at foundation at a depth of ½ inch	0.34 (Aroclor 1254)
2/20/13	201302061203-EEC-AG-SOIL-07/08 COMP	Girls Locker Room	Composite sample of asphalt at foundation at a depth of ½ inch	ND <0.2

Table 2.3
Adjacent Ground Surface Sample Associated with Exterior Concrete Column/Rooftop Coping Stone Caulking Compounds Analysis Result Summary

Date Collected	Sample Number(s)	Sampled Location	Material Description	Result (ppm)
2/6/13	201202061203-ECC-AG-CONCRETE-01/02	Exterior Gym Lobby-Classroom C113	Composite sample of concrete at foundation at a depth of ½ inch	0.2 (Aroclor 1248)
2/6/13	201202061203-ECC-AG-CONCRETE-03/04	Exterior Classroom C111-C113	Composite sample of soil at foundation at a depth of ½ inch	0.78 (Aroclor 1248/1254)
5/2/13	201305021203-ECC-AG-CONCRETE-03A/04A		Composite sample of soil at foundation at a depth of 12 inches	1.1 (Aroclor 1248)
6/24/13	201306241007-ECC-AG-CONCRETE-03C/04C		Composite sample of soil at foundation at a depth of 24 inches	1.9 (Aroclor 1248)
5/2/13	201305021203-ECC-AG-CONCRETE-03B/04B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.17
2/6/13	201302061203-ECC-AG-SOIL-05/06	Exterior Classroom C111	Composite sample of soil at foundation at a depth of ½ inch	7.6 (Aroclor 1248)
5/2/13	201305021203-ECC-AG-SOIL-05A/06A		Composite sample of soil at foundation at a depth of 12 inches	1.2 (Aroclor 1248)
6/24/13	201306241007-ECC-AG-SOIL-05D/06D		Composite sample of soil at foundation at a depth of 24 inches	ND <0.38
5/2/13	201305021203-ECC-AG-SOIL-05B/06B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	0.46 (Aroclor 1248)
2/6/13	201302061203-ECC-AG-SOIL-07/08	Exterior Classroom C109	Composite sample of soil at foundation at a depth of ½ inch	4.2 (Aroclor 1248)
5/2/13	201305021203-ECC-AG-SOIL-07A/08A		Composite sample of soil at foundation at a depth of 12 inches	1.8 (Aroclor 1248/1254)
6/24/13	201306241007-ECC-AG-SOIL-07D/08D		Composite sample of soil at foundation at a depth of 24 inches	ND <0.36
5/2/13	201305021203-ECC-AG-SOIL-07B/08B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.21
2/6/13	201302061203-ECC-AG-SOIL-09/10	Exterior Classroom C107-C109	Composite sample of soil at foundation at a depth of ½ inch	7.3 (Aroclor 1248)
5/2/13	201305021203-ECC-AG-SOIL-09A/10A		Composite sample of soil at foundation at a depth of 12 inches	1.4 (Aroclor 1248)
6/24/13	201306241007-ECC-AG-SOIL-09D/10D		Composite sample of soil at foundation at a depth of 24 inches	ND <0.39
5/2/13	201305021203-ECC-AG-SOIL-09B/10B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.22
2/6/13	201302061203-ECC-AG-SOIL-11/12	Exterior Classroom C107	Composite sample of soil at foundation at a depth of ½ inch	1.6 (Aroclor 1248/1254)
5/2/13	201305021203-ECC-AG-SOIL-11A/12A		Composite sample of soil at foundation at a depth of 12 inches	0.6 (Aroclor 1248)
6/24/13	201306241007-ECC-AG-SOIL-11D/12D		Composite sample of soil at foundation at a depth of 24 inches	ND <0.37
5/2/13	201305021203-ECC-AG-SOIL-11B/12B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.23

Date Collected	Sample Number(s)	Sampled Location	Material Description	Result (ppm)
2/6/13	201302061203-ECC-AG-SOIL-13/14	Exterior Classroom C105	Composite sample of soil 5 feet away from foundation at a depth of ½ inch	1.8 (Aroclor 1248/1254/1260)
5/2/13	201305021203-ECC-AG-SOIL-13A/14A		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.18
5/2/13	201305021203-ECC-AG-SOIL-13B/14B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.2
2/6/13	201302061203-ECC-AG-SOIL-15/16	Exterior Classroom C103-C105	Composite sample of soil 5 feet away from foundation at a depth of ½ inch	1.3 (Aroclor 1248/1254)
5/2/13	201305021203-ECC-AG-SOIL-15A/16A		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	0.38 (Aroclor 1248)
5/2/13	201305021203-ECC-AG-SOIL-15B/16B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.22
2/6/13	201302061203-ECC-AG-SOIL-17/18	Exterior Classroom C103	Composite sample of soil at foundation at a depth of ½ inch	5 (Aroclor 1248/1254)
5/2/13	201305021203-ECC-AG-SOIL-17A/18A		Composite sample of soil at foundation at a depth of 12 inches	1 (Aroclor 1248)
6/24/13	201306241007-ECC-AG-SOIL-17D/18D		Composite sample of soil at foundation at a depth of 24 inches	ND <0.37
5/2/13	201305021203-ECC-AG-SOIL-17B/18B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.23
2/6/13	201302061203-ECC-AG-SOIL-19/20	Exterior Classroom C101-C103	Composite sample of soil at foundation at a depth of ½ inch	6.5 (Aroclor 1248/1254)
5/2/13	201305021203-ECC-AG-SOIL-19A/20A		Composite sample of soil at foundation at a depth of 12 inches	0.53 (Aroclor 1248)
6/24/13	201306241007-ECC-AG-SOIL-19D/20D		Composite sample of soil at foundation at a depth of 24 inches	ND <0.35
5/2/13	201305021203-ECC-AG-SOIL-19B/20B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.22
2/6/13	201302061203-ECC-AG-SOIL-21/22	Exterior Classroom C101	Composite sample of soil at foundation at a depth of ½ inch	4.3 (Aroclor 1248)
5/2/13	201305021203-ECC-AG-SOIL-21A/22A		Composite sample of soil at foundation at a depth of 12 inches	2.2 (Aroclor 1248)
6/24/13	201306241007-ECC-AG-SOIL-21D/22D		Composite sample of soil at foundation at a depth of 24 inches	ND <0.37
5/2/13	201305021203-ECC-AG-SOIL-21B/22B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.21
2/6/13	201302061203-ECC-AG-SOIL-23/24	Exterior Classroom B117	Composite sample of soil at foundation at a depth of ½ inch	0.8 (Aroclor 1248/1254)
5/2/13	201305021203-ECC-AG-SOIL-23A/24A		Composite sample of soil at foundation at a depth of 12 inches	0.23 (Aroclor 1248)
5/2/13	201305021203-ECC-AG-SOIL-23B/24B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.2
2/6/13	201302061203-ECC-AG-SOIL-25/26	Exterior Classroom B117	Composite sample of soil at foundation at a depth of ½ inch	6 (Aroclor 1248)
5/2/13	201305021203-ECC-AG-SOIL-25A/26A		Composite sample of soil at foundation at a depth of 12 inches	0.52 (Aroclor 1248)
6/24/13	201306241007-ECC-AG-SOIL-25D/26D		Composite sample of soil at foundation at a depth of 24 inches	0.67 (Aroclor 1248)
5/2/13	201305021203-ECC-AG-SOIL-25B/26B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.19

Date Collected	Sample Number(s)	Sampled Location	Material Description	Result (ppm)
2/6/13	201302061203-ECC-AG-SOIL-27/28	Exterior Classroom B117-B115	Composite sample of soil at foundation at a depth of ½ inch	5.6 (Aroclor 1248)
5/2/13	201305021203-ECC-AG-SOIL-27A/28A		Composite sample of soil at foundation at a depth of 12 inches	0.48 (Aroclor 1248)
5/2/13	201305021203-ECC-AG-SOIL-27B/28B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.19
2/6/13	201302061203-ECC-AG-SOIL-29/30	Exterior Classroom B115	Composite sample of soil at foundation at a depth of ½ inch	2.6 (Aroclor 1248/1254)
5/2/13	201305021203-ECC-AG-SOIL-29A/30A		Composite sample of soil at foundation at a depth of 12 inches	1.3 (Aroclor 1248)
6/24/13	201306241007-ECC-AG-SOIL-29D/30D		Composite sample of soil at foundation at a depth of 24 inches	0.55 (Aroclor 1248)
5/2/13	201305021203-ECC-AG-SOIL-29B/30B	Exterior Classroom B113	Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.19
2/6/13	201302061203-ECC-AG-SOIL-31/32		Composite sample of soil at foundation at a depth of ½ inch	7 (Aroclor 1248)
5/2/13	201305021203-ECC-AG-SOIL-31A/32A		Composite sample of soil at foundation at a depth of 12 inches	1.4 (Aroclor 1248)
6/24/13	201306241007-ECC-AG-SOIL-31D/32D		Composite sample of soil at foundation at a depth of 24 inches	ND <0.38
5/2/13	201305021203-ECC-AG-SOIL-31B/32B	Exterior Classroom B111	Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.19
2/6/13	201302061203-ECC-AG-SOIL-33/34		Composite sample of soil at foundation at a depth of ½ inch	7.2 (Aroclor 1248)
5/2/13	201305021203-ECC-AG-SOIL-33A/34A		Composite sample of soil at foundation at a depth of 12 inches	1.6 (Aroclor 1248)
6/24/13	201306241007-ECC-AG-SOIL-33D/34D		Composite sample of soil at foundation at a depth of 24 inches	ND <0.4
5/2/13	201305021203-ECC-AG-SOIL-33B/34B	Exterior Classroom B109	Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.2
2/6/13	201302061203-ECC-AG-SOIL-35/36		Composite sample of soil at foundation at a depth of ½ inch	1.7 (Aroclor 1248/1254)
5/2/13	201305021203-ECC-AG-SOIL-35A/36A		Composite sample of soil at foundation at a depth of 12 inches	0.6 (Aroclor 1248)
6/24/13	201306241007-ECC-AG-SOIL-35D/36D		Composite sample of soil at foundation at a depth of 24 inches	1.8 (Aroclor 1248)
5/2/13	201305021203-ECC-AG-SOIL-35B/36B	Exterior Classroom G109-B107	Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.18
2/6/13	201302061203-ECC-AG-SOIL-37/38		Composite sample of soil at foundation at a depth of ½ inch	6.1 (Aroclor 1248)
5/2/13	201305021203-ECC-AG-SOIL-37A/38A		Composite sample of soil at foundation at a depth of 12 inches	3.6 (Aroclor 1248)
6/24/13	201306241007-ECC-AG-SOIL-37D/38D		Composite sample of soil at foundation at a depth of 24 inches	0.79 (Aroclor 1248)
5/2/13	201305021203-ECC-AG-SOIL-37B/38B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.19

Date Collected	Sample Number(s)	Sampled Location	Material Description	Result (ppm)
2/6/13	201302061203-ECC-AG-SOIL-39/40	Exterior Classroom B107	Composite sample of soil at foundation at a depth of ½ inch	6.5 (Aroclor 1248)
5/2/13	201305021203-ECC-AG-SOIL-39A/40A		Composite sample of soil at foundation at a depth of 12 inches	4.3 (Aroclor 1248)
6/24/13	201306241007-ECC-AG-SOIL-39D/40D		Composite sample of soil at foundation at a depth of 24 inches	0.69 (Aroclor 1248)
5/2/13	201305021203-ECC-AG-SOIL-39B/40B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.19
2/6/13	201302061203-ECC-AG-SOIL-41/42	Exterior Classroom G107	Composite sample of soil at foundation at a depth of ½ inch	8.2 (Aroclor 1248)
5/2/13	201305021203-ECC-AG-SOIL-41A/42A		Composite sample of soil at foundation at a depth of 12 inches	0.91 (Aroclor 1248)
5/2/13	201305021203-ECC-AG-SOIL-41B/42B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	0.68 (Aroclor 1248)
6/24/13	201306241007-ECC-AG-SOIL-41C/42C		Composite sample of soil 5 feet away from foundation at a depth of 12 inches	ND <0.36
2/6/13	201302061203-ECC-AG-SOIL-43/44	Exterior Assistant Principal Office at B105	Composite sample of soil at foundation at a depth of ½ inch	1.4 (Aroclor 1248)
5/2/13	201305021203-ECC-AG-SOIL-43A/44A		Composite sample of soil at foundation at a depth of 12 inches	0.48 (Aroclor 1248)
5/2/13	201305021203-ECC-AG-SOIL-43B/44B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	0.25 (Aroclor 1248)
2/6/13	201302061203-ECC-AG-SOIL-45/46	Exterior Health Office Exam Room	Composite sample of soil at foundation at a depth of ½ inch	7.7 Aroclor 1248)
5/2/13	201305021203-ECC-AG-SOIL-45A/46A		Composite sample of soil at foundation at a depth of 12 inches	0.43 (Aroclor 1248)
5/2/13	201305021203-ECC-AG-SOIL-45B/46B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.18
2/6/13	201302061203-ECC-AG-SOIL-47/48	Exterior Nurse's Suite at Health Office	Composite sample of soil at foundation at a depth of ½ inch	3.1 (Aroclor 1248)
5/2/13	201305021203-ECC-AG-SOIL-47A/48A		Composite sample of soil at foundation at a depth of 12 inches	0.5 (Aroclor 1248)
6/24/13	201306241007-ECC-AG-SOIL-47D/48D		Composite sample of soil at foundation at a depth of 24 inches	ND <0.36
5/2/13	201305021203-ECC-AG-SOIL-47B/48B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.18
2/6/13	201302061203-ECC-AG-SOIL-49	Exterior Sick Bay at Nurse's Office	Discrete sample of soil at foundation at a depth of ½ inch	ND <0.4
2/6/13	201302061203-ECC-AG-CONCRETE-50/51	Exterior Main Office	Composite sample of concrete at foundation at a depth of ½ inch	ND <0.17
2/6/13	201302061203-ECC-AG-CONCRETE-52/53		Composite sample of concrete at foundation at a depth of ½ inch	ND <0.17
2/6/13	201302061203-ECC-AG-CONCRETE-54/55		Composite sample of concrete at foundation at a depth of ½ inch	ND <0.17
2/6/13	201302061203-ECC-AG-CONCRETE-56/57		Composite sample of concrete at foundation at a depth of ½ inch	ND <0.17
2/6/13	201302061203-ECC-AG-CONCRETE-58	Exterior Theater Room A109	Composite sample of concrete at foundation at a depth of ½ inch	ND <0.34
2/6/13	201302061203-ECC-AG-SOIL-59/60	Exterior Corridor and Choral Room A115	Composite sample of soil at foundation at a depth of ½ inch	ND <0.19

Date Collected	Sample Number(s)	Sampled Location	Material Description	Result (ppm)
2/6/13	201302061203-ECC-AG-SOIL-61/62	Exterior Corridor and Choral Room A115	Composite sample of soil at foundation at a depth of ½ inch	ND <0.2
2/6/13	201302061203-ECC-AG-SOIL-63/64	Exterior Choral Room A115 and Choral Room A115 Practice Room	Composite sample of soil at foundation at a depth of ½ inch	0.26 (Aroclor 1254)
2/6/13	201302061203-ECC-AG-SOIL-65/66	Exterior Music Room A123 Office	Composite sample of soil at foundation at a depth of ½ inch	ND <0.2
2/6/13	201302061203-ECC-AG-SOIL-67	Exterior Music room A123	Discrete sample of soil at foundation at a depth of ½ inch	ND <0.39
2/6/13	201302061203-ECC-AG-ASPH-68/69		Composite sample of asphalt at foundation at a depth of ½ inch	ND <0.16
2/6/13	201302061203-ECC-AG-ASPH-70/71	Exterior Music Room A123 and Visual Art Room A125	Composite sample of asphalt at foundation at a depth of ½ inch	ND <0.16
2/6/13	201302061203-ECC-AG-ASPH-72/73	Exterior Visual Art Room A125	Composite sample of asphalt at foundation at a depth of ½ inch	ND <0.16
2/7/13	201302061203-ECC-AG-ASPH-74/75		Composite sample of asphalt at foundation at a depth of ½ inch	ND <0.17
2/6/13	201302061203-ECC-AG-CONCRETE-76		Discrete sample of concrete at foundation at a depth of ½ inch	ND < 0.17
2/7/13	201302061203-ECC-AG-ASPH-77/78		Composite sample of asphalt at foundation at a depth of ½ inch	ND <0.17
2/7/13	201302061203-ECC-AG-ASPH-79/80	Exterior Photography Room A127 Darkroom	Composite sample of asphalt at foundation at a depth of ½ inch	ND <0.16
2/7/13	201302061203-ECC-AG-ASPH-81/82	Exterior Keyboard Room A129	Composite sample of asphalt at foundation at a depth of ½ inch	ND <0.16
2/7/13	201302061203-ECC-AG-ASPH-83/84	Exterior Keyboard Room A129-Visual Art Computer Room A130	Composite sample of asphalt at foundation at a depth of ½ inch	ND <0.17
2/7/13	201302061203-ECC-AG-ASPH-85/86	Exterior Visual Art Computer Room A130	Composite sample of asphalt at foundation at a depth of ½ inch	ND <0.17
2/7/13	201302061203-ECC-AG-ASPH-87/88	Exterior Visual Art Computer Room A130 Storage Room-Studio Art Room A131	Composite sample of asphalt at foundation at a depth of ½ inch	0.32 (Aroclor 1248)
2/7/13	201302061203-ECC-AG-ASPH-89/90	Exterior Studio Art Room A131	Composite sample of asphalt at foundation at a depth of ½ inch	0.36 (Aroclor 1248)
2/7/13	201302061203-ECC-AG-ASPH-91/92	Exterior Studio Art Room A131-Faculty Workroom A135	Composite sample of asphalt at foundation at a depth of ½ inch	0.27 (Aroclor 1248)
2/7/13	201302061203-ECC-AG-ASPH-93/95	Exterior Faculty Workroom A135-Faculy Dining F101	Composite sample of asphalt at foundation at a depth of ½ inch	ND <0.17
2/7/13	201302061203-ECC-AG-CONCRETE-94/96	Exterior Cafeteria F105-F107	Composite sample of concrete at foundation at a depth of ½ inch	ND < 0.17
2/7/13	201302061203-ECC-AG-ASPH-97/99		Composite sample of asphalt at foundation at a depth of ½ inch	ND <0.17
2/7/13	201302061203-ECC-AG-ASPH-98/104		Composite sample of asphalt at foundation at a depth of ½ inch	ND <0.17
2/7/13	201302061203-ECC-AG-ASPH-100/101		Composite sample of asphalt at foundation at a depth of ½ inch	ND <0.16
2/7/13	201302061203-ECC-AG-ASPH-102/103		Composite sample of asphalt at foundation at a depth of ½ inch	ND <0.17
2/7/13	201302061203-ECC-AG-ASPH-105	Exterior Kitchen F109	Composite sample of asphalt at foundation at a depth of ½ inch	ND <0.32
2/7/13	201302061203-ECC-AG-SOIL-106/107	Exterior Cafeteria F111-F113	Composite sample of soil at foundation at a depth of ½ inch	12 (Aroclor 1248)
5/3/13	201305021203-ECC-AG-SOIL-106A/107A		Composite sample of soil at foundation at a depth of 12 inches	14 (Aroclor 1248)
6/24/13	201306241007-ECC-AG-SOIL-106D/107D		Composite sample of soil at foundation at a depth of 24 inches	ND <0.35
5/3/13	201305021203-ECC-AG-SOIL-106B/107B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.19

Date Collected	Sample Number(s)	Sampled Location	Material Description	Result (ppm)
2/7/13	201302061203-ECC-AG-SOIL-108/109	Exterior Cafeteria F111-F1113	Composite sample of soil at foundation at a depth of ½ inch	7.7 (Aroclor 1248)
5/3/13	201305021203-ECC-AG-SOIL-108A/109A		Composite sample of soil at foundation at a depth of 12 inches	4.1 (Aroclor 1248)
6/24/13	201306241007-ECC-AG-SOIL-108D/109D		Composite sample of soil at foundation at a depth of 24 inches	0.75 (Aroclor 1248)
5/3/13	201305021203-ECC-AG-SOIL-108B/109B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.17
2/7/13	201302061203-ECC-AG-SOIL-110/111		Composite sample of soil at foundation at a depth of ½ inch	7.3 (Aroclor 1248)
5/3/13	201305021203-ECC-AG-SOIL-110A/111A		Composite sample of soil at foundation at a depth of 12 inches	7.5 (Aroclor 1248)
6/24/13	201306241007-ECC-AG-SOIL-110D/111D		Composite sample of soil at foundation at a depth of 24 inches	ND <0.35
5/3/13	201305021203-ECC-AG-SOIL-110B/111B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.18
2/7/13	201302061203-ECC-AG-SOIL-112/113		Composite sample of soil at foundation at a depth of ½ inch	3.1 (Aroclor 1248)
5/3/13	201305021203-ECC-AG-SOIL-112A/113A		Composite sample of soil at foundation at a depth of 12 inches	0.58 (Aroclor 1248)
6/24/13	201306241007-ECC-AG-SOIL-112D/113D		Composite sample of soil at foundation at a depth of 24 inches	ND <0.35
5/3/13	201305021203-ECC-AG-SOIL-112B/113B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.17
2/7/13	201302061203-ECC-AG-SOIL-114/115		Composite sample of soil at foundation at a depth of ½ inch	0.48 (Aroclor 1248/1254)
2/7/13	201302061203-ECC-AG-SOIL-116/117		Composite sample of soil at foundation at a depth of ½ inch	ND <0.2
2/7/13	201302061203-ECC-AG-SOIL-118/119	Exterior Stairwell-Classroom E101	Composite sample of soil at foundation at a depth of ½ inch	1.7 (Aroclor 1248/1254)
5/3/13	201305021203-ECC-AG-SOIL-118A/119A		Composite sample of soil at foundation at a depth of 12 inches	0.73 (Aroclor 1248/1254)
6/24/13	201306241007-ECC-AG-SOIL-118D/119D		Composite sample of soil at foundation at a depth of 24 inches	ND <0.38
5/3/13	201305021203-ECC-AG-SOIL-118B/119B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.18
2/7/13	201302061203-ECC-AG-SOIL-120/121	Classroom E101	Composite sample of soil at foundation at a depth of ½ inch	7.3 (Aroclor 1248)
5/3/13	201305021203-ECC-AG-SOIL-120A/121A		Composite sample of soil at foundation at a depth of 12 inches	1.1 (Aroclor 1248)
6/24/13	201306241007-ECC-AG-SOIL-120D/121D		Composite sample of soil at foundation at a depth of 24 inches	0.38 (Aroclor 1248)
5/3/13	201305021203-ECC-AG-SOIL-120B/121B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.2

Date Collected	Sample Number(s)	Sampled Location	Material Description	Result (ppm)
2/7/13	201302061203-ECC-AG-SOIL-122/123	Exterior Classroom E103	Composite sample of soil at foundation at a depth of ½ inch	6.4 (Aroclor 1248)
5/3/13	201305021203-ECC-AG-SOIL-122A/123A		Composite sample of soil at foundation at a depth of 12 inches	2.2 (Aroclor 1248)
6/24/13	201306241007-ECC-AG-SOIL-122D/123D		Composite sample of soil at foundation at a depth of 24 inches	0.39 (Aroclor 1248)
5/3/13	201305021203-ECC-AG-SOIL-122B/123B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.18
2/7/13	201302061203-ECC-AG-SOIL-124/125		Composite sample of soil at foundation at a depth of ½ inch	7.2 (Aroclor 1248)
5/3/13	201305021203-ECC-AG-SOIL-124A/125A		Composite sample of soil at foundation at a depth of 12 inches	1.7 (Aroclor 1248)
6/24/13	201306241007-ECC-AG-SOIL-124D/125D		Composite sample of soil at foundation at a depth of 24 inches	ND <0.36
5/3/13	201305021203-ECC-AG-SOIL-124B/125B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.18
2/7/13	201302061203-ECC-AG-SOIL-126/127	Exterior Classroom E105	Composite sample of soil at foundation at a depth of ½ inch	9.4 (Aroclor 1248)
5/3/13	201305021203-ECC-AG-SOIL-126A/127A		Composite sample of soil at foundation at a depth of 12 inches	3.6 (Aroclor 1248)
6/24/13	201306241007-ECC-AG-SOIL-126D/127D		Composite sample of soil at foundation at a depth of 24 inches	ND <0.37
5/3/13	201305021203-ECC-AG-SOIL-126B/127B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.2
2/7/13	201302061203-ECC-AG-SOIL-128/129	Exterior Classroom E107	Composite sample of soil at foundation at a depth of ½ inch	4.4 (Aroclor 1248)
5/3/13	201305021203-ECC-AG-SOIL-128A/129A		Composite sample of soil at foundation at a depth of 12 inches	0.82 (Aroclor 1248)
6/24/13	201306241007-ECC-AG-SOIL-128D/129D		Composite sample of soil at foundation at a depth of 24 inches	ND <0.37
5/3/13	201305021203-ECC-AG-SOIL-128B/129B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.19
2/7/13	201302061203-ECC-AG-SOIL-130/131	Exterior Classroom H107	Composite sample of soil at foundation at a depth of ½ inch	6.9 (Aroclor 1248)
5/3/13	201305021203-ECCAG-SOIL-130A/131A		Composite sample of soil at foundation at a depth of 12 inches	0.84 (Aroclor 1248)
6/24/13	201306241007-ECC-AG-SOIL-130D/131D		Composite sample of soil at foundation at a depth of 24 inches	ND <0.39
5/3/13	201305021203-ECCAG-SOIL-130B/131B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.19
2/7/13	201302061203-ECC-AG-SOIL-132/133	Exterior Classroom E109	Composite sample of soil at foundation at a depth of ½ inch	8.2 (Aroclor 1248)
5/3/13	201305021203-ECC-AG-SOIL-132A/133A		Composite sample of soil at foundation at a depth of 12 inches	2.1 (Aroclor 1248)
6/24/13	201306241007-ECC-AG-SOIL-132D/132D		Composite sample of soil at foundation at a depth of 24 inches	ND <0.4
5/3/13	201305021203-ECC-AG-SOIL-132B/133B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.19

Date Collected	Sample Number(s)	Sampled Location	Material Description	Result (ppm)
2/7/13	201302061203-ECC-AG-SOIL-134/135	Exterior Classroom E111	Composite sample of soil at foundation at a depth of ½ inch	34 (Aroclor 1248)
5/3/13	201305021203-ECC-AG-SOIL-134A/135A		Composite sample of soil at foundation at a depth of 12 inches	1.5 (Aroclor 1248)
6/24/13	201306241007-ECC-AG-SOIL-134D/135D		Composite sample of soil at foundation at a depth of 24 inches	ND <0.4
5/3/13	201305021203-ECC-AG-SOIL-134B/135B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.2
2/7/13	201302061203-ECC-AG-SOIL-136/137		Composite sample of soil at foundation at a depth of ½ inch	7.4 (Aroclor 1248)
5/3/13	201305021203-ECC-AG-SOIL-136A/137A		Composite sample of soil at foundation at a depth of 12 inches	1.3 (Aroclor 1248)
6/24/13	201306241007-ECC-AG-SOIL-136D/137D		Composite sample of soil at foundation at a depth of 24 inches	0.82 (Aroclor 1248)
5/3/13	201305021203-ECC-AG-SOIL-136B/137B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.18
2/7/13	201302061203-ECC-AG-SOIL-138/139	Exterior Classroom E113	Composite sample of soil at foundation at a depth of ½ inch	1.3 (Aroclor 1248/1254)
5/3/13	201305021203-ECC-AG-SOIL-138A/139A		Composite sample of soil at foundation at a depth of 12 inches	1.8 (Aroclor 1248)
6/24/13	201306241007-ECC-AG-SOIL-138D/139D		Composite sample of soil at foundation at a depth of 24 inches	ND <0.38
5/3/13	201305021203-ECC-AG-SOIL-138B/139B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	0.27 (Aroclor 1248)
2/7/13	201302061203-ECC-AG-SOIL-140/141		Composite sample of soil at foundation at a depth of ½ inch	0.59 (Aroclor 1248/1254)
5/3/13	201305021203-ECC-AG-SOIL-140A/141A		Composite sample of soil at foundation at a depth of 12 inches	1.7 (Aroclor 1248)
6/24/13	201306241007-ECC-AG-SOIL-140D/141D		Composite sample of soil at foundation at a depth of 24 inches	ND <0.39
5/3/13	201305021203-ECC-AG-SOIL-140B/141B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.19
2/7/13	201302061203-ECC-AG-BRICK-142/143	Exterior Library F104	Composite sample of brick at foundation at a depth of ½ inch	ND <0.18
2/7/13	201302061203-ECC-AG-BRICK-144/145		Composite sample of brick at foundation at a depth of ½ inch	ND <0.17
2/7/13	201302061203-ECC-AG-BRICK-146/147		Composite sample of brick at foundation at a depth of ½ inch	ND <0.18
2/7/13	201302061203-ECC-AG-BRICK-148/149		Composite sample of brick at foundation at a depth of ½ inch	ND <0.17
2/7/13	201302061203-ECC-AG-BRICK-150/151		Composite sample of brick at foundation at a depth of ½ inch	ND <0.18
2/7/13	201302061203-ECC-AG-BRICK-152		Discrete sample of brick at foundation at a depth of ½ inch	ND <0.34
2/7/13	201302061203-ECC-AG-SOIL-153/154		Composite sample of soil at foundation at a depth of ½ inch	ND <0.22
2/7/13	201302061203-ECC-AG-SOIL-155/156		Composite sample of soil at foundation at a depth of ½ inch	ND <0.43
2/7/13	201302061203-ECC-AG-SOIL-156/157	Exterior Classroom E110-H110	Composite sample of soil at foundation at a depth of ½ inch	1 (Aroclor 1248/1254/1260)
5/3/13	201305021203-ECC-AG-SOIL-156A/157A		Composite sample of soil at foundation at a depth of 12 inches	0.28 (Aroclor 1260)
5/3/13	201305021203-ECC-AG-SOIL-156B/157B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.19

Date Collected	Sample Number(s)	Sampled Location	Material Description	Result (ppm)
2/7/13	201302061203-ECC-AG-SOIL-158/159	Exterior Classroom E112	Composite sample of soil at foundation at a depth of ½ inch	1.2 (Aroclor 1248/1254/1260)
5/3/13	201305021203-ECC-AG-SOIL-158A/159A		Composite sample of soil at foundation at a depth of 12 inches	0.35 (Aroclor 1260)
5/3/1	201305021203-ECC-AG-SOIL-158B/159B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.19
2/7/13	201302061203-ECC-AG-SOIL-160/161	Exterior Classroom E114	Composite sample of soil at foundation at a depth of ½ inch	6.7 (Aroclor 1260)
5/3/13	201305021203-ECC-AG-SOIL-160A/161A		Composite sample of soil at foundation at a depth of 12 inches	6.6 (Aroclor 1260)
6/24/13	201306241007-ECC-AG-SOIL-160D/161D		Composite sample of soil at foundation at a depth of 24 inches	1.2 (Aroclor 1260)
5/3/13	201305021203-ECC-AG-SOIL-160B/161B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.19
2/7/13	201302061203-ECC-AG-SOIL-162/163		Composite sample of soil at foundation at a depth of ½ inch	1.2 (Aroclor 1248/1254)
5/3/13	201305021203-ECC-AG-SOIL-162A/163A		Composite sample of soil at foundation at a depth of 12 inches	ND <0.18
5/3/13	201305021203-ECC-AG-SOIL-162A/163A		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	0.47 (Aroclor 1254)
2/7/13	201302061203-ECC-AG-SOIL-164/165		Composite sample of soil at foundation at a depth of ½ inch	3.6 (Aroclor 1248)
5/3/13	201305021203-ECC-AG-SOIL-164A/165A	Exterior Classroom E116	Composite sample of soil at foundation at a depth of 12 inches	0.94 (Aroclor 1248)
6/24/13	201306241007-ECC-AG-SOIL-164D/165D		Composite sample of soil at foundation at a depth of 24 inches	ND <0.4
5/3/13	201305021203-ECC-AG-SOIL-164B/165B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.19
2/7/13	201302061203-ECC-AG-SOIL-166/167		Composite sample of soil at foundation at a depth of ½ inch	5 (Aroclor 1248)
5/3/13	201305021203-ECC-AG-SOIL-166A/167A	Exterior Classroom E118	Composite sample of soil at foundation at a depth of 12 inches	1.2 (Aroclor 1248)
6/24/13	201306241007-ECC-AG-SOIL-166D/167D		Composite sample of soil at foundation at a depth of 24 inches	ND <0.37
5/3/13	201305021203-ECC-AG-SOIL-166B/167B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.19
2/7/13	201302061203-ECC-AG-SOIL-168/169		Composite sample of soil at foundation at a depth of ½ inch	8.1 (Aroclor 1248)
5/3/13	201305021203-ECC-AG-SOIL-168A/169A		Composite sample of soil at foundation at a depth of 12 inches	0.5 (Aroclor 1248)
6/24/13	201306241007-ECC-AG-SOIL-168D/169D		Composite sample of soil at foundation at a depth of 24 inches	ND <0.36
5/3/13	201305021203-ECC-AG-SOIL-168B/169B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.19
2/7/13	201302061203-ECC-AG-SOIL-170/171	Exterior Classroom E120	Composite sample of soil at foundation at a depth of ½ inch	2.3 (Aroclor 1248/1254)
5/3/13	201305021203-ECC-AG-SOIL-170A/171A		Composite sample of soil at foundation at a depth of 12 inches	0.49 (Aroclor 1248)
5/3/13	201305021203-ECC-AG-SOIL-170B/171B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.19

Date Collected	Sample Number(s)	Sampled Location	Material Description	Result (ppm)
2/7/13	201302061203-ECC-AG-SOIL-172/173	Exterior Classroom E120	Composite sample of soil at foundation at a depth of ½ inch	4.5 (Aroclor 1248)
5/3/13	201305021203-ECC-AG-SOIL-172A/173A		Composite sample of soil at foundation at a depth of 12 inches	0.76 (Aroclor 1248)
6/24/13	201306241007-ECC-AG-SOIL-172D/173D		Composite sample of soil at foundation at a depth of 24 inches	ND <0.38
5/3/13	201305021203-ECC-AG-SOIL-172B/173B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.18
2/7/13	201302061203-ECC-AG-SOIL-174/175	Exterior Classroom E122	Composite sample of soil at foundation at a depth of ½ inch	5.7 (Aroclor 1248)
5/3/13	201305021203-ECC-AG-SOIL-174A/175A		Composite sample of soil at foundation at a depth of 12 inches	0.81 (Aroclor 1248)
6/24/13	201306241007-ECC-AG-SOIL-174D/175D		Composite sample of soil at foundation at a depth of 24 inches	ND <0.38
5/3/13	201305021203-ECC-AG-SOIL-174B/175B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.2
2/6/13	201302061203-ECC-AG-CONCRETE-176/177	Exterior Classroom E122-Corridor	Composite sample of concrete at foundation at a depth of ½ inch	ND <0.16
2/6/13	201302061203-ECC-AG-CONCRETE-178/179	Exterior Classroom C120	Composite sample of concrete at foundation at a depth of ½ inch	ND <0.17
2/6/13	201302061203-ECC-AG-CONCRETE-180	Exterior Classroom C118	Discrete sample of concrete at foundation at a depth of ½ inch	ND <0.33
2/7/13	201302061203-ECC-AG-SOIL-181/182		Composite sample of soil at foundation at a depth of ½ inch	5.9 (Aroclor 1248/1254)
5/6/13	201305021203-ECC-AG-SOIL-181A/182A		Composite sample of soil at foundation at a depth of 12 inches	1.1 (Aroclor 1248)
6/24/13	201306241007-ECC-AG-SOIL-181D/182D		Composite sample of soil at foundation at a depth of 24 inches	0.94 (Aroclor 1248)
5/6/13	201305021203-ECC-AG-SOIL-181B/182B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.2
2/7/13	201302061203-ECC-AG-SOIL-183/184	Exterior Classroom C116	Composite sample of soil at foundation at a depth of ½ inch	1.8 (Aroclor 1248/1254)
5/6/13	201305021203-ECC-AG-SOIL-183A/184A		Composite sample of soil at foundation at a depth of 12 inches	0.39 (Aroclor 1248)
5/6/13	201305021203-ECC-AG-SOIL-183B/184B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.18
2/7/13	201302061203-ECC-AG-SOIL-185		Discrete sample of soil at foundation at a depth of ½ inch	2.9 (Aroclor 1248)
5/6/13	201305021203-ECC-AG-SOIL-185A		Discrete sample of soil at foundation at a depth of 12 inches	0.45 (Aroclor 1248)
5/6/13	201305021203-ECC-AG-SOIL-185B		Discrete sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.35
2/7/13	201302061203-ECC-AG-SOIL-186/187	Exterior Classroom C114	Composite sample of soil at foundation at a depth of ½ inch	12 (Aroclor 1248)
5/6/13	201305021203-ECC-AG-SOIL-186A/187A		Composite sample of soil at foundation at a depth of 12 inches	0.62 (Aroclor 1248)
6/24/13	201306241007-ECC-AG-SOIL-186D/187D		Composite sample of soil at foundation at a depth of 24 inches	1.2 (Aroclor 1248)
5/6/13	201305021203-ECC-AG-SOIL-186B/187B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.18

Date Collected	Sample Number(s)	Sampled Location	Material Description	Result (ppm)
2/7/13	201302061203-ECC-AG-SOIL-188/189	Exterior Classroom C112-C114	Composite sample of soil at foundation at a depth of ½ inch	2.6 (Aroclor 1248/1254)
5/6/13	201305021203-ECC-AG-SOIL-188A/189A		Composite sample of soil at foundation at a depth of 12 inches	0.62 (Aroclor 1248)
6/24/13	201306241007-ECC-AG-SOIL-188D/189D		Composite sample of soil at foundation at a depth of 24 inches	0.42 (Aroclor 1248)
5/6/13	201305021203-ECC-AG-SOIL-188B/189B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.18
2/7/13	201302061203-ECC-AG-SOIL-190/191	Exterior Classroom C112	Composite sample of soil at foundation at a depth of ½ inch	1.2 (Aroclor 1248/1254)
5/6/13	201305021203-ECC-AG-SOIL-190A/191A		Composite sample of soil at foundation at a depth of 12 inches	1.5 (Aroclor 1248)
6/24/13	201306241007-ECC-AG-SOIL-190D/191D		Composite sample of soil at foundation at a depth of 24 inches	0.84 (Aroclor 1248)
5/6/13	201305021203-ECC-AG-SOIL-190B/191B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.18
2/7/13	201302061203-ECC-AG-SOIL-192/193	Exterior Classroom C110	Composite sample of soil at foundation at a depth of ½ inch	7.7 (Aroclor 1248)
5/6/13	201305021203-ECC-AG-SOIL-192A/193A		Composite sample of soil at foundation at a depth of 12 inches	3.9 (Aroclor 1248)
6/24/13	201306241007-ECC-AG-SOIL-192D/193D		Composite sample of soil at foundation at a depth of 24 inches	ND <0.39
5/6/13	201305021203-ECC-AG-SOIL-192B/193B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.2
2/7/13	201302061203-ECC-AG-SOIL-194/195	Exterior Classroom B122	Composite sample of soil at foundation at a depth of ½ inch	1.5 (Aroclor 1248)
5/6/13	201305021203-ECC-AG-SOIL-194A/195A		Composite sample of soil at foundation at a depth of 12 inches	ND <0.18
5/6/13	201305021203-ECC-AG-SOIL-194B/195B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.19
2/7/13	201302061203-ECC-AG-SOIL-196/197		Composite sample of soil at foundation at a depth of ½ inch	1.4 (Aroclor 1248/1254)
5/6/13	201305021203-ECC-AG-SOIL-196A/197A		Composite sample of soil at foundation at a depth of 12 inches	0.97 (Aroclor 1248)
6/24/13	201306241007-ECC-AG-SOIL-196D/197D		Composite sample of soil at foundation at a depth of 24 inches	0.61 (Aroclor 1248)
5/6/13	201305021203-ECC-AG-SOIL-196B/197B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.18
2/7/13	201302061203-ECC-AG-SOIL-198/199	Exterior Classroom B120	Composite sample of soil at foundation at a depth of ½ inch	1.4 (Aroclor 1248/1254)
5/6/13	201305021203-ECC-AG-SOIL-198A/199A		Composite sample of soil at foundation at a depth of 12 inches	1.3 (Aroclor 1248)
6/24/13	201306241007-ECC-AG-SOIL-198D/199D		Composite sample of soil at foundation at a depth of 24 inches	0.5 (Aroclor 1248)
5/6/13	201305021203-ECC-AG-SOIL-198A/199A		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.18

Date Collected	Sample Number(s)	Sampled Location	Material Description	Result (ppm)
2/7/13	201302061203-ECC-AG-SOIL-200/201	Exterior Classroom B118-B120	Composite sample of soil at foundation at a depth of ½ inch	6 (Aroclor 1248)
5/6/13	201305021203-ECC-AG-SOIL-200A/201A		Composite sample of soil at foundation at a depth of 12 inches	1.8 (Aroclor 1248)
6/24/13	201306241007-ECC-AG-SOIL-200D/201D		Composite sample of soil at foundation at a depth of 24 inches	0.81 (Aroclor 1248)
5/6/13	201305021203-ECC-AG-SOIL-200B/201B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.19
2/7/13	201302061203-ECC-AG-SOIL-202/203	Exterior Classroom B118	Composite sample of soil at foundation at a depth of ½ inch	2 (Aroclor 1248/1254)
5/6/13	201305021203-ECC-AG-SOIL-202A/203A		Composite sample of soil at foundation at a depth of 12 inches	ND <0.18
5/6/13	201305021203-ECC-AG-SOIL-202B/203B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.19
2/7/13	201302061203-ECC-AG-SOIL-204/205	Exterior Classroom B116	Composite sample of soil at foundation at a depth of ½ inch	15 (Aroclor 1248)
5/6/13	201305021203-ECC-AG-SOIL-204A/205A		Composite sample of soil at foundation at a depth of 12 inches	3.2 (Aroclor 1248)
6/24/13	201306241007-ECC-AG-SOIL-200D/201D		Composite sample of soil at foundation at a depth of 24 inches	1.8 (Aroclor 1248)
5/6/13	201305021203-ECC-AG-SOIL-204B/205B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.2
2/7/13	201302061203-ECC-AG-SOIL-206/207	Exterior Classroom B114-B116	Soil located a distance of ½ inch away from column at a depth of ½ inch (composite sample of two columns)	4.3 (Aroclor 1248)
5/6/13	201305021203-ECC-AG-SOIL-206A/207A		Soil located a distance of ½ inch away from column at a depth of 12 inches (composite sample of two columns)	0.41 (Aroclor 1248)
5/6/13	201305021203-ECC-AG-SOIL-206B/207B		Soil located a distance of 5 feet away from column at a depth of ½ inch (composite sample of two columns)	ND <0.19
2/7/13	201302061203-ECC-AG-SOIL-208/209	Exterior Conference Room	Composite sample of soil at foundation at a depth of ½ inch	1.6 (Aroclor 1248)
5/6/13	201305021203-ECC-AG-SOIL-208A/209A		Composite sample of soil at foundation at a depth of 12 inches	1.3 (Aroclor 1248)
6/24/13	201306241007-ECC-AG-SOIL-208D/209D		Composite sample of soil at foundation at a depth of 24 inches	0.69 (Aroclor 1248)
5/6/13	201305021203-ECC-AG-SOIL-208B/209B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	3.9 (Aroclor 1260)
6/24/13	201306241007-ECC-AG-SOIL-208C/209C		Composite sample of soil 5 feet away from foundation at a depth of 12 inch	ND <0.36
2/7/13	201302061203-ECC-AG-SOIL-210/211	Exterior Classroom B112	Composite sample of soil at foundation at a depth of ½ inch	1.2 (Aroclor 1248)
5/6/13	201305021203-ECC-AG-SOIL-210A/211A		Composite sample of soil at foundation at a depth of 12 inches	0.75 (Aroclor 1248)
6/24/13	201306241007-ECC-AG-SOIL-210D/211D		Composite sample of soil at foundation at a depth of 24 inches	ND <0.36
5/6/13	201305021203-ECC-AG-SOIL-210B/211B		Composite sample of soil 5 feet away from foundation at a depth of 12 inch	ND <0.18

Date Collected	Sample Number(s)	Sampled Location	Material Description	Result (ppm)
2/7/13	201302061203-ECC-AG-SOIL-212/213	Exterior Guidance Office	Composite sample of soil at foundation at a depth of ½ inch	4.9 (Aroclor 1248)
5/6/13	201305021203-ECC-AG-SOIL-212A/213A		Composite sample of soil at foundation at a depth of 12 inches	1.2 (Aroclor 1248)
6/24/13	201306241007-ECC-AG-SOIL-212D/213D		Composite sample of soil at foundation at a depth of 24 inches	ND <0.34
5/6/13	201305021203-ECC-AG-SOIL-212B/213B		Composite sample of soil 5 feet away from foundation at a depth of 12 inch	ND <0.18
2/7/13	201302061203-ECC-AG-SOIL-214/215		Composite sample of soil at foundation at a depth of ½ inch	6.8 (Aroclor 1248)
5/6/13	201305021203-ECC-AG-SOIL-214A/215A		Composite sample of soil at foundation at a depth of 12 inches	ND <0.18
5/6/13	201305021203-ECC-AG-SOIL-214B/215B		Composite sample of soil 5 feet away from foundation at a depth of 12 inch	ND <0.19

ND – Not detected

3 Remediation Plan

The work described in this Self-Implanting On-Site Cleanup and Disposal Plan shall meet the objectives identified in Section 1.2 Project Objectives in accordance with 40 CFR Part 761.61. The remediation work shall be performed to ensure compliance with EPA Toxic Substance Control Act (TSCA) requirements and protect both public health and the environment.

Materials classified as PCB Bulk Product Waste and PCB Remediation Waste shall be properly disposed in compliance with federal and state regulatory requirements. Refer to *Figures 5-1 – 5-11* for locations requiring PCB abatement.

The proposed abatement activities to be performed by Remediation Contractor shall include the following:

1. Site preparation and controls to facilitate remediation of PCBs.
2. Health and Safety in accordance with Occupation Safety and Health Administration (OSHA) requirements.
3. Recordkeeping and distribution as required in accordance with 40 CFR part 761.62 (b) (5) and 761.125 (c)(5).

PCB ABATEMENT REQUIREMENTS

PCB Bulk Product Waste Removal

PCB-01 – Removal and off-site disposal of exterior concrete column/rooftop coping stone caulking compounds associated as PCB Bulk Product Waste. Following cleaning, encapsulation of caulking joint and six inches of contaminated concrete on each side shall be performed.

PCB-02 - Removal and off-site disposal of exterior expansion caulking compounds as PCB Bulk Product Waste. Removal includes one complete brick on each side of caulking joint.

PCB Remediation Waste Removal

PCB-03 – Removal and off-site disposal of soil as PCB Remediation Waste. Excavation to depths as noted in plan.

<50 PPM PCB Building Waste Removal

PCB-04 – Removal and off-site disposal of exterior vent caulking compounds as <50 PPM PCB Building Waste mixed with Asbestos. Removal includes exterior vent.

- PCB-05 – Removal and off-site disposal of exterior and interior window caulking and glazing compounds associated with older single window systems as <50 PPM PCB Building Waste mixed with Asbestos. Removal includes window frame and glass.
- PCB-06 – Removal and off-site disposal of exterior and interior door/window caulking and glazing compounds associated with stair tower door/window systems as <50 PPM PCB Building Waste mixed with Asbestos. Removal includes door/window frame and glass.
- PCB-07 – Removal and off-site disposal of exterior door caulking compounds associated with older single door systems as <50 PPM PCB Building Waste mixed with Asbestos. Removal includes door frame.
- PCB-08 – Removal and off-site disposal of ceiling tiles as <50 PPM PCB Building Waste.
- PCB-09 – Removal and off-site disposal of black mastic as <50 PPM PCB Building Waste mixed with Asbestos. Removal includes floor tile.
- PCB-010 – Removal and off-site disposal of cove base glue as <50 PPM PCB Building Waste. Removal includes cove base.

Remediation activities to be performed by others shall include the following:

1. Monitoring remediation activities as Owner's representative shall be performed by Fuss & O'Neill EnviroScience.
2. Collection of verification samples in accordance with Sub-part O in accordance with 40 CFR Part 761.61(a) for PCB analysis shall be performed by Fuss & O'Neill EnviroScience representatives.
3. Building renovation and site restoration shall be performed by Owner's general trade's contractor under separate contract following PCB remediation.

Prior to abatement and remediation activities, site preparation and controls shall be established.

PCB Bulk Product Waste will be removed and transported off-site for disposal in accordance with 40 CFR 761.62 (a) or (b). The landfill shall be permitted to accept PCB Bulk Product Waste.

PCB Remediation Waste will be removed and transported off-site for disposal in accordance with 40 CFR 761.61(a)(5)(i)(B)(2) at a facility permitted by the EPA at a hazardous waste landfill permitted by EPA under section 3004 of RCRA, or by a State authorized under section 3006 of RCRA or a chemical waste landfill approved under 40 CFR 761.75 which is an EPA, TSCA approved facility for PCB Remediation Waste.

<50 ppm PCB Building Waste shall be removed and transported off-site for disposal in accordance with CTDEEP regulations.

3.1 Site Preparation and Controls

The work shall be performed in accordance with the attached performance based technical specification section included in *Appendix C*. Prior to initiating PCB Abatement the following site controls will be implemented.

3.1.1 General

- Remediation Contractor shall prepare a site specific work plan as detailed in specification section attached.
- Remediation Contractor shall prepare a Health & Safety Plan (HASP) developed specific to the site and work activities to be performed. All workers shall follow applicable federal and state regulation with regard to work activities, including but not limited to OSHA regulation including personal protection and respiratory protection requirements.
- The project site shall be enclosed by a construction chain link fence. During all remediation activities, Remediation Contractor shall maintain control of all entrances and exits to the project site to ensure only authorized personnel enter the work areas and are afforded proper personal protective equipment and as required respiratory protection.
- All approaches to work areas shall be demarcated with appropriately worded warning signs.
- Work zones shall be established in accordance with technical specification to include abatement zone, decontamination zone, and support zone.

3.1.2 PCB Bulk Product

- Ground protection to prevent debris from escaping the abatement zone and to protect areas outside of abatement zone from PCB contamination shall be utilized. Protection shall include the two layers of 6-mil reinforced polyethylene sheeting securely fastened to foundation.
- All openings to the building interior such as doors, windows, unit ventilation, ducts, and grilles shall be securely sealed with a single layer of 6-mil reinforced polyethylene sheeting from the building exterior.
- Ground protection and isolation barriers shall remain in place throughout work to collect dust and debris resulting from PCB Bulk Product Waste removal. All debris generated during operations including but not limited to visible caulking, dust and debris shall be HEPA vacuumed continuously throughout the work shift and at the end of a work shift to avoid accumulation. Any tears or rips that occur in protections shall be repaired or removed and replaced with new protections. Ground protection and isolation barriers shall not be removed until post-cleaning verification sampling and/or visual inspection has been performed and acceptable results have been achieved.

- All equipment utilized to perform cutting, or demolition of adjacent materials shall be equipped with appropriate dust collection systems.
- All surfaces adjacent to materials removed shall be properly decontaminated upon completing the removal of PCB Bulk Product Wastes. The work to cut and remove exterior brick and will result in dust on surfaces to remain and this dust may contain PCBs. All visible dust shall be removed using HEPA vacuums and wet cleaning methods with solvent or other acceptable products.
- Appropriate PCB waste containers shall be placed adjacent to abatement zone within the construction chain link fence. Containers shall be lined covered and secured. The PCB waste containers shall be properly marked as described in 40 CFR part §761.40. Marking shall include a PCB M_L marker utilizing the format described in 40 CFR part §761.45.

3.1.3 <50 PPM PCB Containing Materials

3.1.3.1 Exterior Materials

The following work area protection shall be utilized for the removal of exterior <50 ppm PCB containing waste:

- Ground protection to prevent debris from escaping the abatement zone and to protect areas outside of abatement zone from PCB contamination shall be utilized. Protection shall include the two layers of 6-mil reinforced polyethylene sheeting securely fastened to foundation.
- Isolation barriers shall be installed on the interior of the building, at the edge of systems scheduled for removal to isolate these systems to the building exterior where work shall be performed. Two layers of 6-mil reinforced polyethylene sheeting shall create the exterior critical barrier between the Abatement Zone and Interior of the Building.
- All other openings to the building interior such as unit ventilation, ducts, and grilles shall be securely sealed with a single layer of 6-mil reinforced polyethylene sheeting from the building exterior.
- Ground protection and isolation barriers shall remain in place throughout work to collect dust and debris resulting from <50 ppm PCB Containing Waste removal. All debris generated during operations including but not limited to visible caulking, dust and debris shall be HEPA vacuumed continuously throughout the work shift and at the end of a work shift to avoid accumulation. Any tears or rips that occur in protections shall be repaired or removed and replaced with new protections. Ground protection and isolation barriers shall not be removed until visual inspection has been performed and acceptable results have been achieved.
- All equipment utilized to perform cutting, or demolition of materials shall be equipped with appropriate dust collection systems.

- All surfaces adjacent to materials removed shall be properly decontaminated upon completing the removal of <50 ppm PCB Containing Materials. All visible dust shall be removed using HEPA vacuums and wet cleaning methods with solvent or other acceptable products.
- Appropriate PCB waste containers shall be placed adjacent to abatement zone within the construction chain link fence. Containers shall be lined covered and secured.

3.1.3.2 Interior Materials

The following work area protection shall be utilized for the removal of interior <50 ppm PCB containing waste:

- Negative pressure containments shall be utilized for removal of interior materials. Containments shall be constructed in the same manner as negative pressure containments utilized for asbestos abatement. See Section 3.2 of 02 82 13 Asbestos Abatement of Construction Specifications for additional information.
- Containments shall remain in place throughout work to collect dust and debris resulting from <50 ppm PCB Containing Waste removal. All debris generated during operations including but not limited to visible floor tile mastic, cove base glue, and ceiling tiles, dust and debris shall be HEPA vacuumed continuously throughout the work shift and at the end of a work shift to avoid accumulation. Any tears or rips that occur in protections shall be repaired or removed and replaced with new protections. Containments shall not be removed until visual inspection and/or asbestos abatement final re-occupancy air testing (if necessary) has been performed and acceptable results have been achieved.
- All equipment utilized to perform cutting, or demolition of materials shall be equipped with appropriate dust collection systems.
- All surfaces adjacent to materials removed shall be properly decontaminated upon completing the removal of <50 ppm PCB Containing Materials. All visible dust shall be removed using HEPA vacuums and wet cleaning methods with solvent or other acceptable products.
- Appropriate PCB waste containers shall be placed adjacent to abatement zone within the construction chain link fence. Containers shall be lined covered and secured.

3.2 Removal Procedures

The following removal procedures shall be utilized to conduct PCB Bulk Product Waste and PCB Remediation Waste removal.

3.2.1 PCB Bulk Product Waste Materials

PCB Bulk Product Waste including exterior and interior window caulking and glazing compounds, metal window frames, window glass, concrete window sills, exterior brick, and interior block shall be handled and removed from specified locations for proper disposal. Materials shall be removed in a manner which does not breakdown the materials into fine dust or powder to the extent feasible. Equipment and tools to be utilized shall include hand tools and mechanical tools attached with HEPA vacuums.

Any dry or brittle materials shall be removed with additional engineering controls such as use of a HEPA vacuum to remove accumulated dust or debris during removal. Once removed, materials shall be placed in lined containers or into appropriate temporary containers such as 6-mil polyethylene disposal bags for controlled transport to PCB waste containers at the end of each work shift. PCB Bulk Product Waste shall be stored for disposal in accordance with 40 CFR 761.65 and marked in accordance with 40 CFR Part 761.40 and 761.45.

Sequence of removal shall follow the following general requirements:

1. Site preparation and controls shall be completed. Work shall not proceed until authorized by Fuss & O'Neill EnviroScience representatives.
2. PCB containing exterior expansion caulking compounds and exterior concrete column/rooftop coping stone caulking compounds shall be removed in their entirety for disposal as PCB Bulk Product Waste.
3. One brick on each side of the exterior expansion caulking compounds shall be removed in their entirety for disposal as PCB Bulk Product Waste.
4. Use a solvent as appropriate to completely remove all visible materials for disposal as PCB Bulk Product.
5. Clean all surface of adjacent materials using appropriate cleaning products or solvents to completely removal all dust and debris.

3.2.2 PCB Remediation Waste –Soil

All soils and concrete designated for removal shall be excavated and transported off-site for disposal as PCB Remediation Waste. Soil removal shall be completed in accordance with 40 CRF Part 761.61(a). The remediation goal is to remove PCB contaminated soils and concrete to meet cleanup concentration of <1ppm. Post-remediation verification sampling of soil shall be conducted by Fuss & O'Neill EnviroScience representatives in all excavation areas to demonstrate that the cleanup goals have been met.

Each of the soil and concrete remediation areas; are easy to access with equipment that would be used in the remediation and it is anticipated that each of the remediation areas will be performed at the same time. An excavator or other similar type of equipment will be used to remove the soil. Equipment utilized for removal shall not be permitted to enter the abatement zone, only the bucket shall be authorized to enter the abatement zone. The vehicle shall not be authorized to enter the work zone due to difficulties in decontaminating wheels that come in contact with contaminated soil.

Soil excavations will be backfilled with certified clean soil meeting the CTDEEP Remediation Standards Regulations (RSRs) for the Residential Direct Exposure Criteria (RDEC) and Groundwater Classification B (GB) Pollutant Mobility Criteria (PMC).

1. Scope for soil sample collection:
 - a. Consultant will review the characterization data of soil being brought on-site
 - b. Collect one composite soil sample (made up of three sample locations) for every 500 cubic yards (CY) of material planned to be brought to the site for use as clean fill.
2. Laboratory analysis of soil characterization shall include the following:
 - a. Volatile Organic Compounds (VOCs by method 8260)
 - b. Polynuclear Aromatic Hydrocarbons (PAHs by method 8270)
 - c. Extractable Total Petroleum Hydrocarbons (ETPH)
 - d. Polychlorinated Biphenyls (PCBs by method 8082)
 - e. Pesticides and Herbicides (by method 8081)
 - f. RSR metals (Mass and SPLP)

Bushes removed during soil excavation shall be replaced in kind.

3.2.3 <50 PPM PCB Containing Materials

<50 ppm PCB containing materials including interior and exterior door/window caulking and glazing compounds, exterior vent caulking compounds, interior and exterior window caulking and glazing compounds, exterior door caulking compounds, ceiling tiles, black mastic, and cove base glue shall be handled and removed from specified locations for proper disposal. Materials shall be removed in a manner which does not breakdown the materials into fine dust or powder to the extent feasible.

Equipment and tools to be utilized shall include hand tools and mechanical tools attached with HEPA vacuums.

Any dry or brittle materials shall be removed with additional engineering controls such as use of a HEPA vacuum to remove accumulated dust or debris during removal. Once removed, materials shall be placed in lined containers or into appropriate temporary containers such as 6-mil polyethylene disposal bags for controlled transport to PCB waste containers at the end of each work shift.

Sequence of removal shall follow the following general requirements for removal of <50 ppm PCB Containing Materials

1. Site preparation and controls shall be completed. Work shall not proceed until authorized by Fuss & O'Neill EnviroScience representatives.
2. Removal of <50 ppm PCB containing materials using hand tools and/or mechanical equipment fitted with dust collection systems.
3. Use a solvent as appropriate to completely remove all visible materials for disposal as PCB Waste <50 ppm and asbestos.
4. Clean all surface of adjacent materials using appropriate cleaning products or solvents to completely removal all dust and debris.

3.3 Encapsulation Procedures

Following removal of exterior concrete column/rooftop coping stone caulking compounds and acceptable visual inspection by Fuss & O'Neill EnviroScience representatives, encapsulation of contaminated structural concrete shall be performed.

Encapsulant to be utilized will consist of a two component epoxy primer resin coating with an aliphatic polyurethane top coat (Sikagard 62 & Sikalastic 735AL or equivalent), applied in accordance with manufacturer's instructions. Encapsulant shall be applied to surface a minimum distance of 6 inches from each side of caulking joint onto substrate and to the full depth of joints. Note Encapsulant will be painted over so application shall be smooth and continuous.

3.4 Post-Cleaning Verification Sampling Plan

Following the completion of the PCB Bulk Product and Remediation Waste removal, Fuss & O'Neill EnviroScience representatives, shall implement the following verification sampling plan in accordance with 40 CFR Part 761.61 and to the extent applicable Sub-Part O and Sub-Part P.

3.4.1 Visual Inspection

Upon completion of work, a visual inspection of all remediated surfaces for visible evidence of dust and debris shall be performed. The visual inspection shall provide in a preliminary visual way, verification that remediation work has been completed in accordance with this Self-Implementing On-Site Cleanup and Disposal Plan.

Visual inspection shall ensure no visible dust or debris is present on adjacent surfaces. In addition to the remediation surfaces the surfaces of protective coverings and isolation barriers shall be inspected to ensure they are cleaned of dust and debris.

3.4.2 Porous Exterior Brick Surfaces

Exterior brick shall be evaluated to verify that removal of PCB Bulk Product Waste has resulted in surfaces with ≤ 1 ppm for unrestricted use based on high occupancy use of the structure. Fuss & O'Neill EnviroScience representatives shall use the EPA "Standard Operating Procedures for Sampling Porous Surfaces for Polychlorinated Biphenyls" Dated May 5, 2011, as a guide to collect post-cleaning verification samples. The areas to be sampled shall be representative of the variety of conditions identified. Appropriate control samples shall also be collected.

Verification sampling of the remaining brick shall be performed in accordance with a modified Sub-Part O method and compared to clean-up standards required by the EPA of < 1 ppm for unrestricted use. Post-cleaning verification samples shall be collected in a 1.5 meter (five foot) linear pattern.

This protocol based on the total estimated area of the remediation required shall result in an estimated 32 discrete post-remediation verification samples. In addition 5% duplicate samples will be collected. The discrete samples will be composited using a maximum of four discrete samples.

Each composite sample result will be multiplied by number of sampling points in the composite sample to determine the “corrected” composite sample result. “Corrected” results shall be compared to the clearance objective which for unrestricted use shall be <1 ppm. If any location exceeds this clearance objective, additional cleaning and discrete post-cleaning verification sampling will be conducted.

A total of 8 composite samples are estimated for post-cleaning verification and analysis. The laboratory shall be an accredited laboratory for PCB analysis. The analysis method shall include extraction using EPA Method 3540C (Soxhlet Extraction) and analysis method SW846 8082.

3.4.3 Soil

Verification samples will be collected as per Sub-Part O following excavation and removal of specified depths of soil. All samples generated will be from sample locations using the 1.5 meter by 1.5 meter (Subpart O) sampling grid. Soil samples collected from the base of the excavations will consist of surficial soil.

This protocol based on the total estimated area of the excavation required shall result in an estimated 270 discrete post-remediation verification samples. In addition 5% duplicate samples will be collected. The discrete samples will be composited using a maximum of four discrete samples.

Each composite sample result will be multiplied by number of sampling points in the composite sample to determine the “corrected” composite sample result. “Corrected” results shall be compared to the clearance objective of < 1ppm

A total of 68 composite samples are estimated for post-cleaning verification and analysis. The laboratory shall be an accredited laboratory for PCB analysis. The analysis method shall include extraction using EPA Method 3540C (Soxhlet Extraction) and analysis method SW846 8082.

Soil excavations will be backfilled with certified clean soil meeting the CTDEEP Remediation Standards Regulations (RSRs) for the Residential Direct Exposure Criteria (RDEC) and Groundwater Classification B (GB) Pollutant Mobility Criteria (PMC). Additionally, bushes removed during soil excavation shall be replaced in kind.

3.4.4 Encapsulated Surfaces

Encapsulated surfaces are to remain and wipe samples shall be collected from the surfaces in a modified approach to Sub-Part P of 40 CFR Part 761 following encapsulation according to manufacturer specifications.

The surfaces to be verified are irregular shaped and requirements for sample location and quantity as detailed in Sub-part P shall be applied in a linear fashion in lieu of a grid pattern. Additionally, a variance request for verification sampling every 50 linear feet in lieu of the three foot linear pattern is being requested.

A sample will be collected from each point on the linear line and analyzed as a discrete sample along with 5% duplicate samples and 10% blank samples.

Each discrete sample shall be compared to the clearance objective of $<10 \text{ ug}/100 \text{ cm}^2$. If any location exceeds this clearance objective, additional encapsulation and discrete post-cleaning verification sampling every three feet will be conducted.

A total of 360 discrete samples are estimated for verification and shall be collected along with 5% duplicate samples and 10% blank samples. The laboratory shall be an accredited laboratory for PCB analysis. The analysis method shall include extraction using EPA Method 3540C (Soxhlet Extraction) and analysis method SW846 8082.

4 Schedule and Plan Certification

It is the intent of the Owner (City of Bridgeport) to begin the removal of PCB Bulk Product Materials and PCB Remediation Waste during proposed construction scheduled to start in 2014. The City of Bridgeport is scheduled to begin the bid process for this project during December 2013, and requires the Approval for this Self-Implementing On-Site Cleanup and Disposal Plan prior to bidding the project.

The project is split up into eight phases. It is anticipated Phase I will be begin in April 2014 and Phase VIII will be finished in November 2015.

The Owner hereby certifies that all the sampling plans, sample collection procedures, sample preparation procedures, extraction procedures and instrumental/chemical analysis procedures used to assess or characterize the PCB contamination at the cleanup site, are on file at the School and available for EPA inspection.

Correspondences of final approvals or actions should be addressed to:

Robert Hedman
School Construction Department
City of Bridgeport
City Hall, 999 Broad Street
Bridgeport, CT 06604
(203) 576-7217
robert.hedman@bridgeportct.gov

Owner's Representative
Robert Hedman

Date

Fuss & O'Neill EnviroScience, LLC Representative
Kevin McCarthy, Project Manager

Date

Remediation Contractor Representative
To be determined

Date

Figures

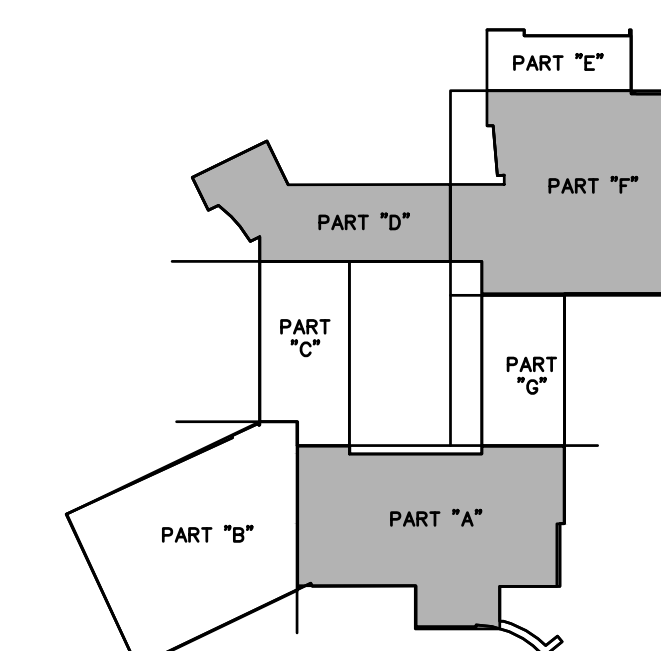
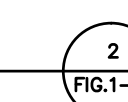
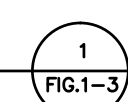
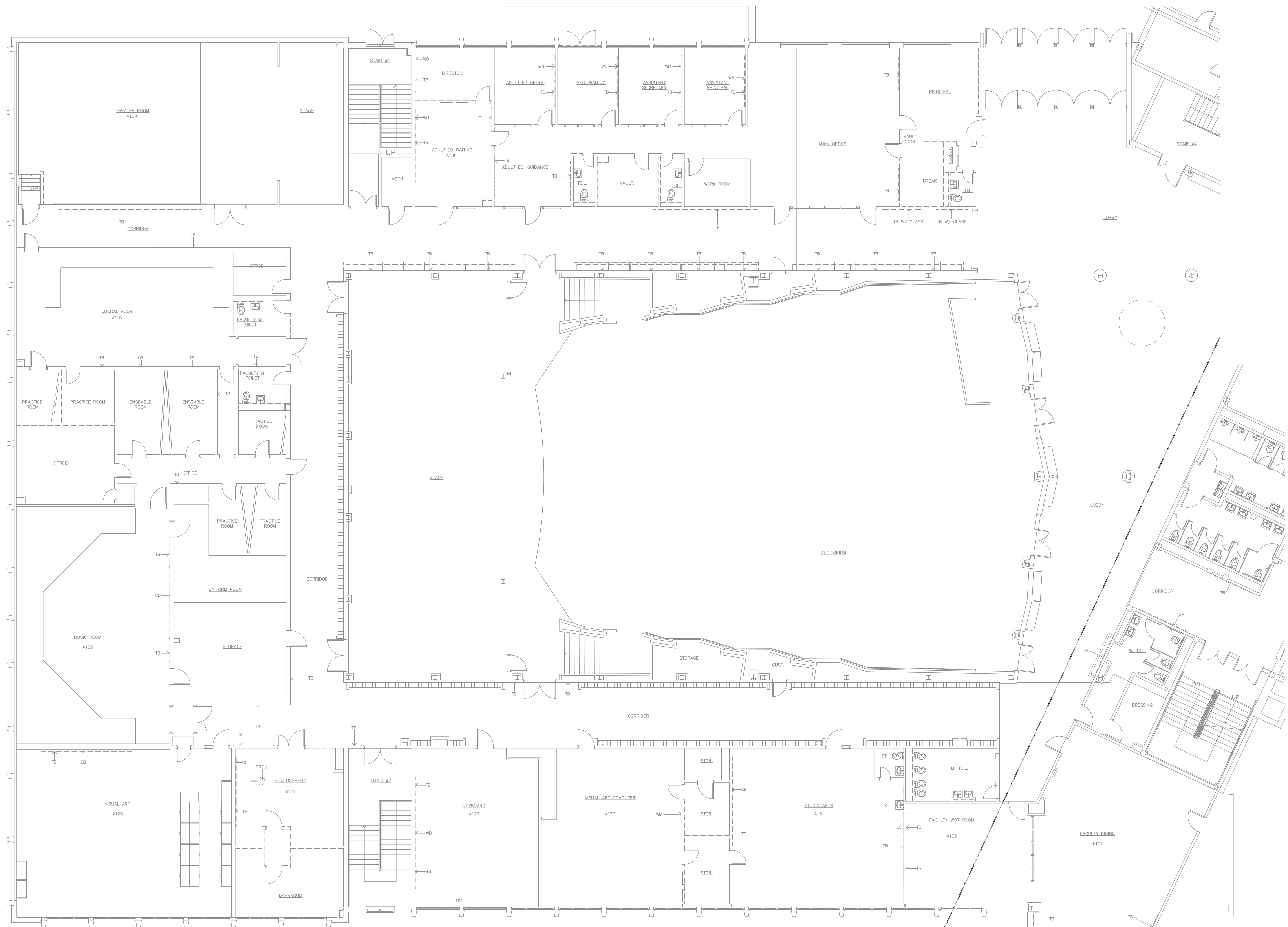


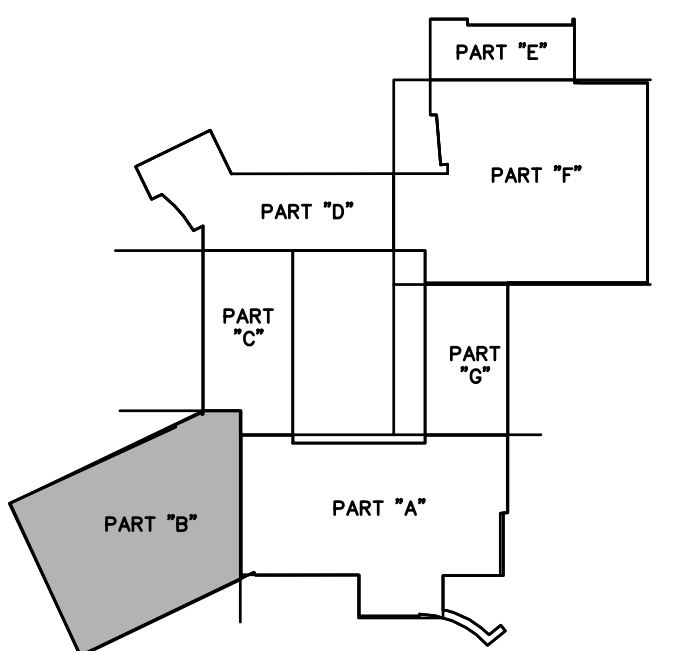
FIG. 1-3

File Path: J:\DWG\2011\07\93\A2E\Xref\30110793A2E_FLR04_CHS_MAINLEV.dwg Layout: FIG 1-4 Plotted: Thu, September 05, 2013 - 3:39 PM User: srons
MS VIEW: Plotter: DWG TO PDF PC3 CTB File: FO 2008 MONO.CTB LAYER STATE:



 SITE PLAN PART B — MAIN LEVEL
1/8" = 1'-0"

1
FIG. 1-4



No.	DATE	DESCRIPTION	DESIGNER	REVIEWER
1.				

SEAL

SEAL

SCALE:	
HORZ.: 1/8" = 1'-0"	
VERT.: 1/8" = 1'-0"	
DATUM:	
HORZ.: 1/8" = 1'-0"	
VERT.: 1/8" = 1'-0"	
GRAPHIC SCALE	



FUSS & O'NEILL
EnviroScience, LLC
146 HARTFORD ROAD
MANCHESTER, CONNECTICUT 06040
860.646.2469
www.fuss-on.com

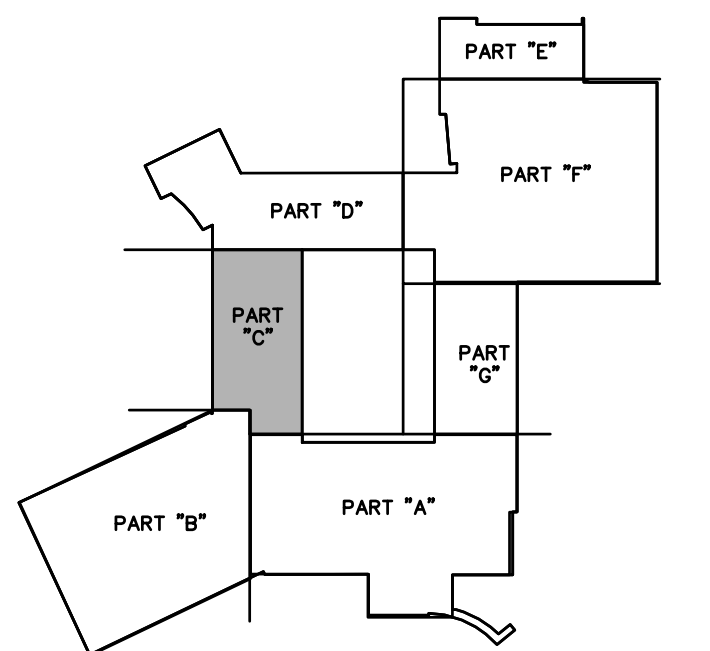
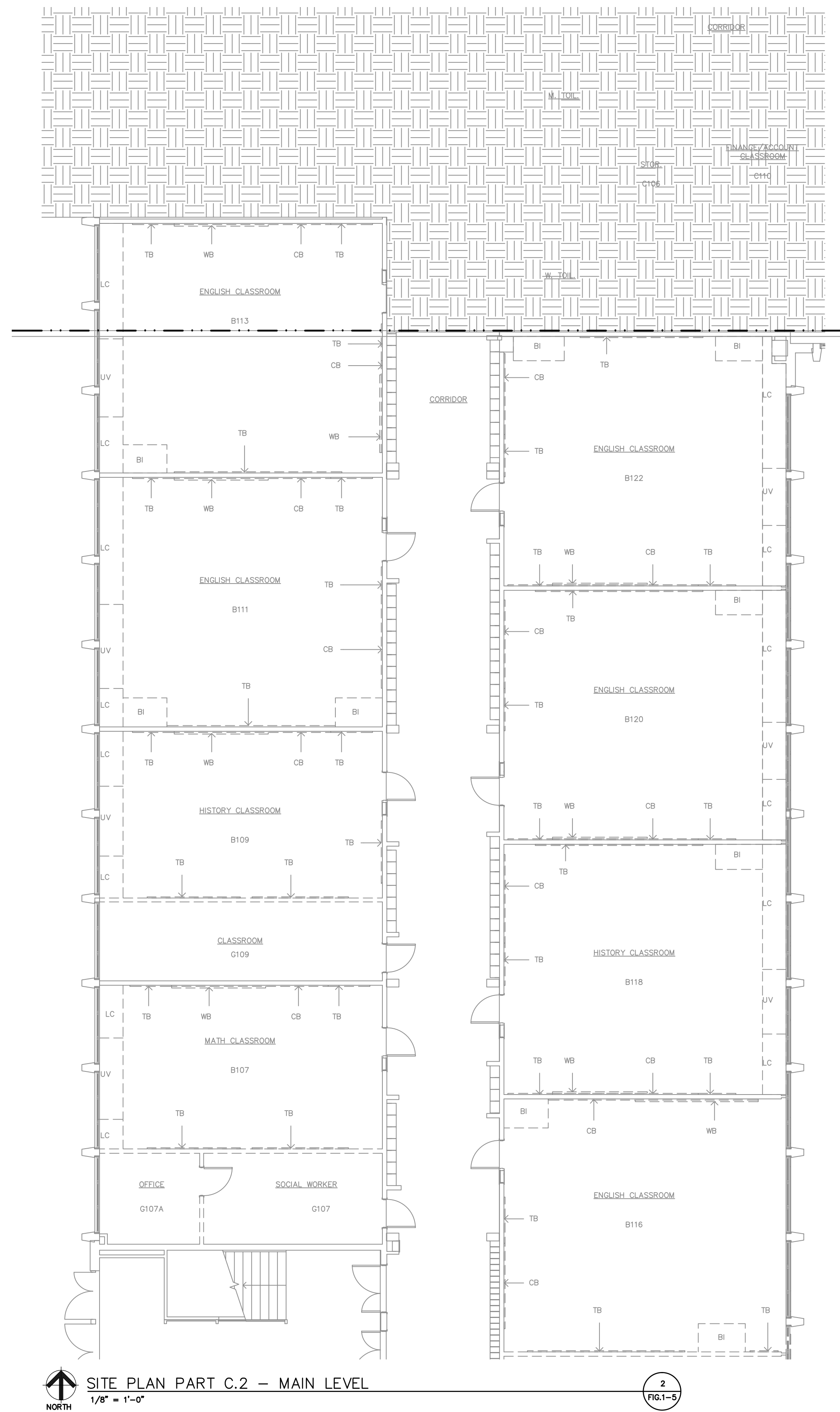
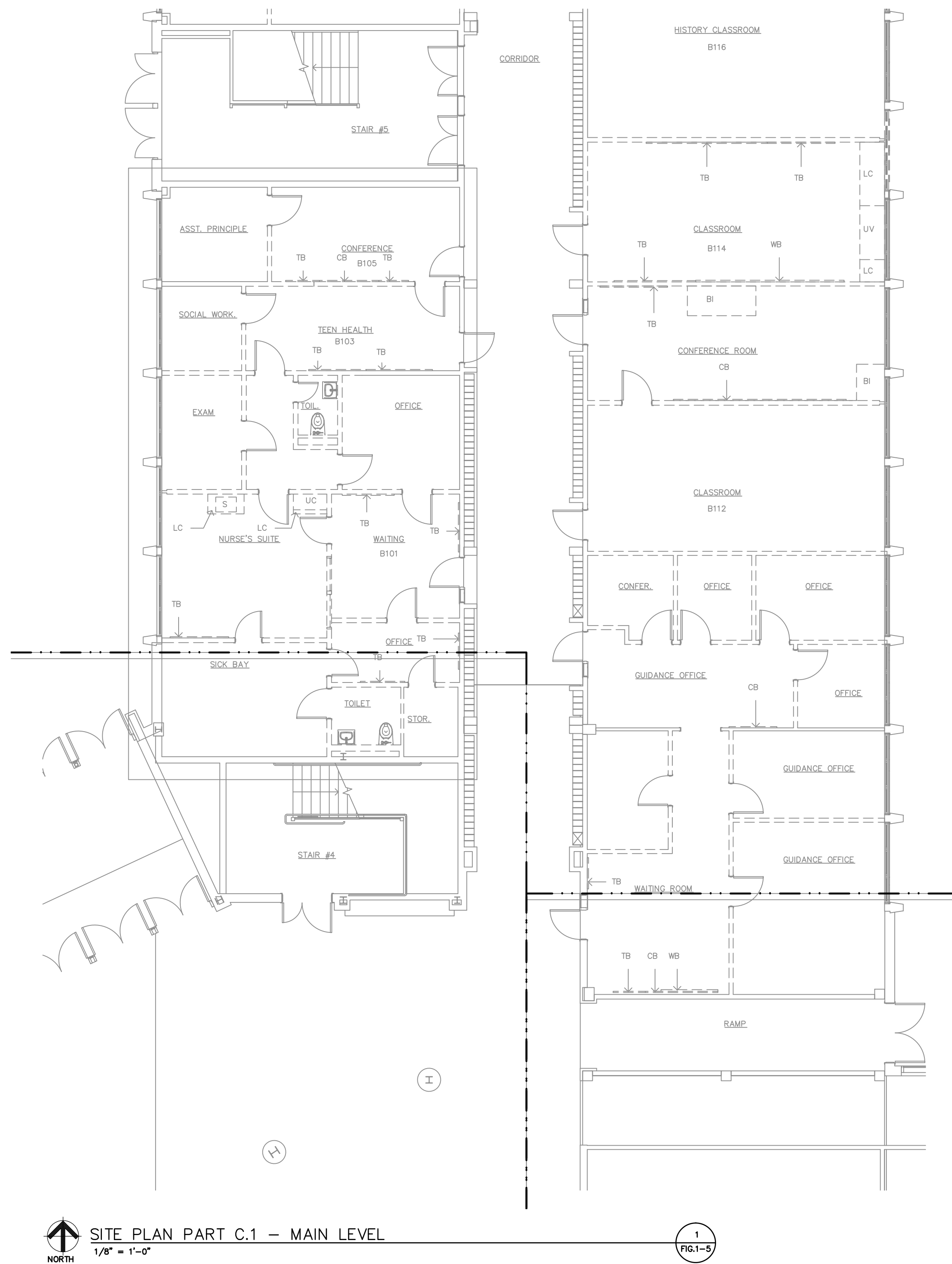
1 LINCOLN BLVD.

CITY OF BRIDGEPORT
MAIN LEVEL SITE PLAN
PART B
CENTRAL HIGH SCHOOL

BRIDGEPORT, CONNECTICUT

PROJ. No.: 20110793.A2E
DATE: SEPTEMBER 2013
FIG. 1-4

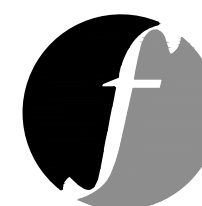
File Path: J:\DWG\2011\0729\A2\X69\20110729A2E-FIG1-5.dwg Layout: FIG1-5 Plotted: Thu, September 05, 2013, 3:39 PM User: skions
LWS VIEW: No. DATE DESCRIPTION DESIGNER REVIEWER
LAYER STATE: Print: DWG TO PDF PLOT3 CTB File: FO 2008 MONO.CTB



No.	DATE	DESCRIPTION	DESIGNER	REVIEWER
1.				

SEAL	SEAL
------	------

SCALE:	HORZ.: 1/8" = 1'-0"
	VERT.:
DATUM:	HORZ.:
	VERT.:
1/8" 0 1/8"	GRAPHIC SCALE



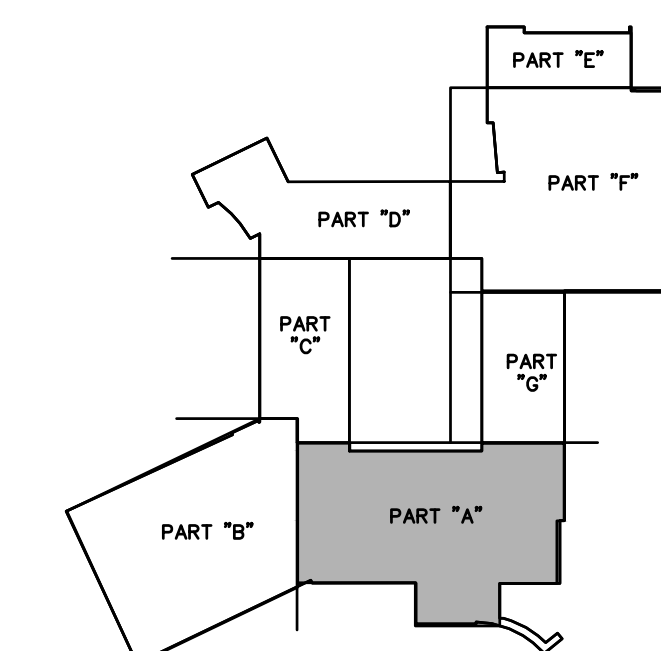
FUSS & O'NEILL
EnviroScience, LLC
146 HARTFORD ROAD
MANCHESTER, CONNECTICUT 06040
860.646.2469
www.fando.com

1 LINCOLN BLVD.

CITY OF BRIDGEPORT
MAIN LEVEL SITE PLAN
PART C
CENTRAL HIGH SCHOOL


BRIDGEPORT, CONNECTICUT

PROJ. No.: 20110793 A2E
DATE: SEPTEMBER 2013
FIG. 1-5



No.	DATE	DESCRIPTION	DESIGNER	REVIEWER

SEAL

SCALE:	HORZ.: 1/8" = 1'-0"
	VERT.:
DATUM:	HORZ.:
	VERT.:
	
GRAPHIC SCALE	



FUSS & O'NEILL
EnviroScience, LLC
146 HARTFORD ROAD
MANCHESTER, CONNECTICUT 06040
860.646.2469
www.fando.com

1 LINCOLN BLVD.

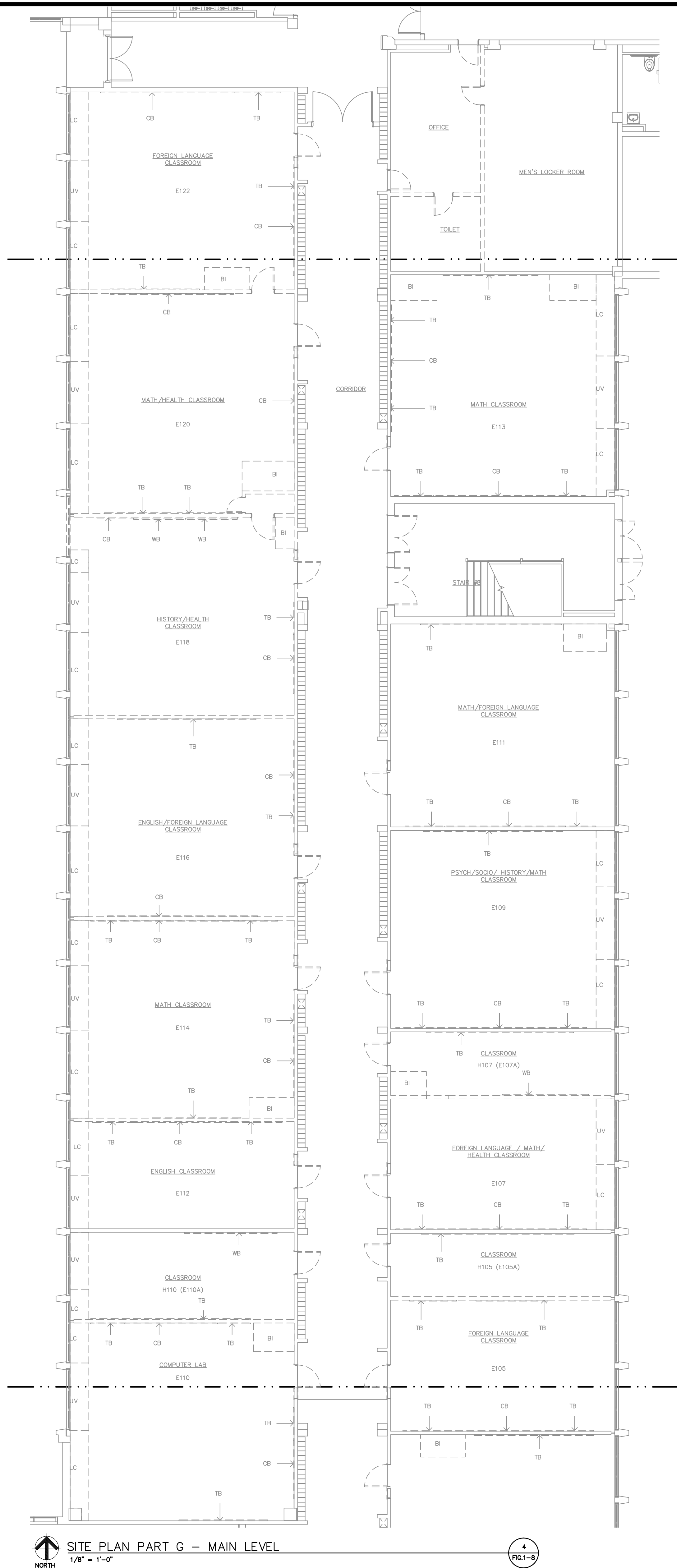
CITY OF BRIDGEPORT
MAIN LEVEL SITE PLAN
KITCHEN & CAFETERIA
CENTRAL HIGH SCHOOL

BRIDGEPORT, CONNECTICUT

PROJ. No.: 20110793.A2E

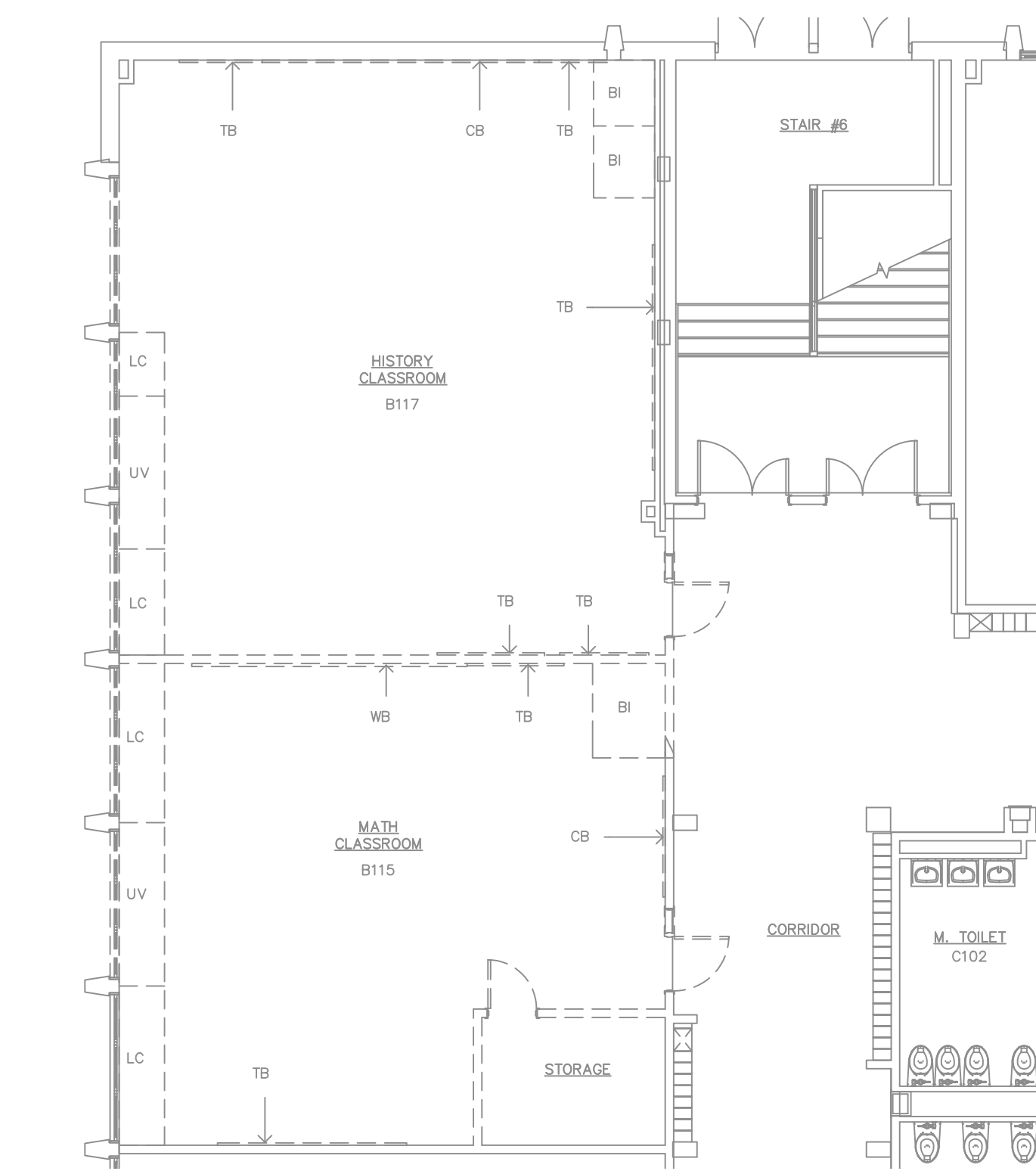
FIG. 1-7

File Path: J:\DWG\2011\0793\A2E\Xrefs\0110793\A2E_CHS_MAIN.LEV.dwg Layout: FIG.1-8 Plotted: Thu, September 05, 2013 - 3:39 PM User: alicia.ms
MS VIEW: Plotter: DWG TO PDF PC3 CTB File: FO 2008 MONO.CTB



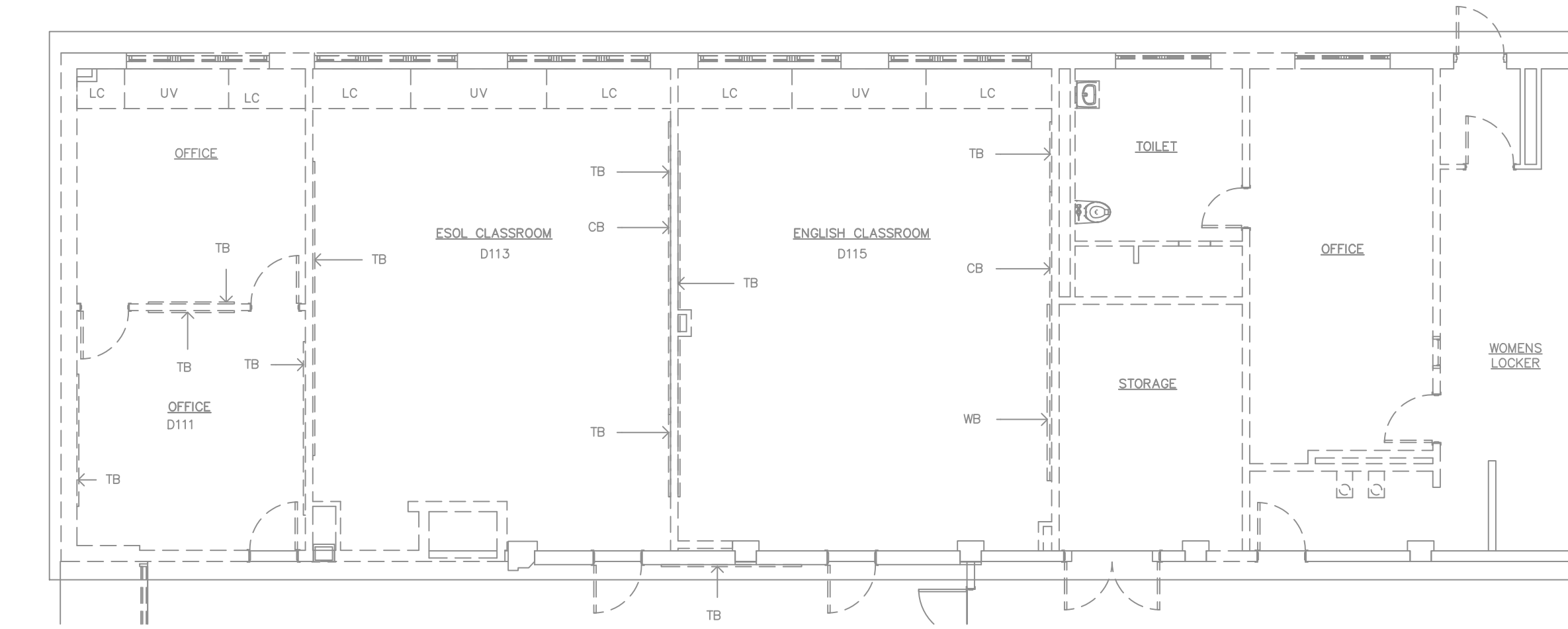
SITE PLAN PART G - MAIN LEVEL
1/8" = 1'-0"

4
FIG.1-8



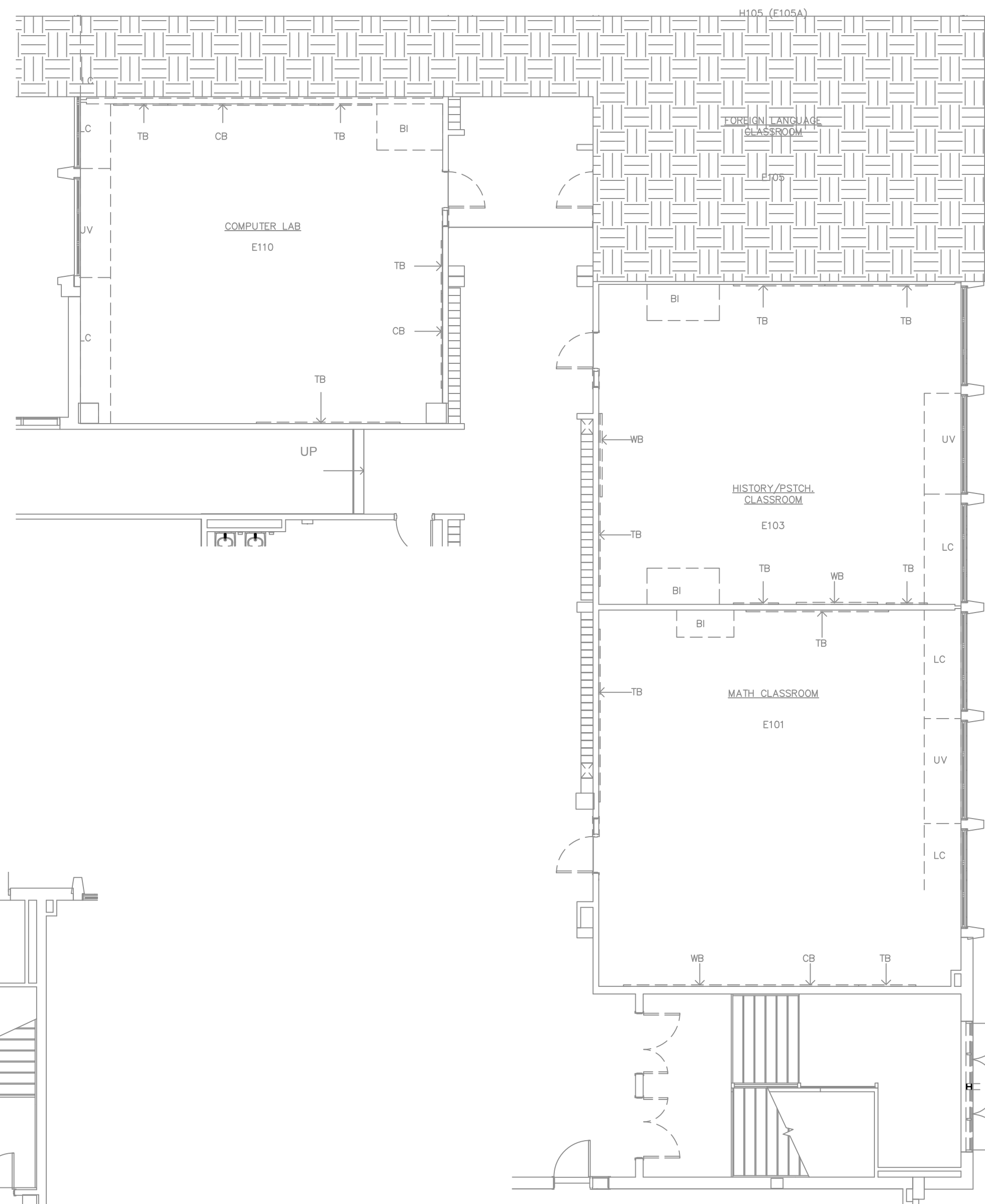
SITE PLAN - MEDIA CENTER
1/8" = 1'-0"

2
FIG.1-8



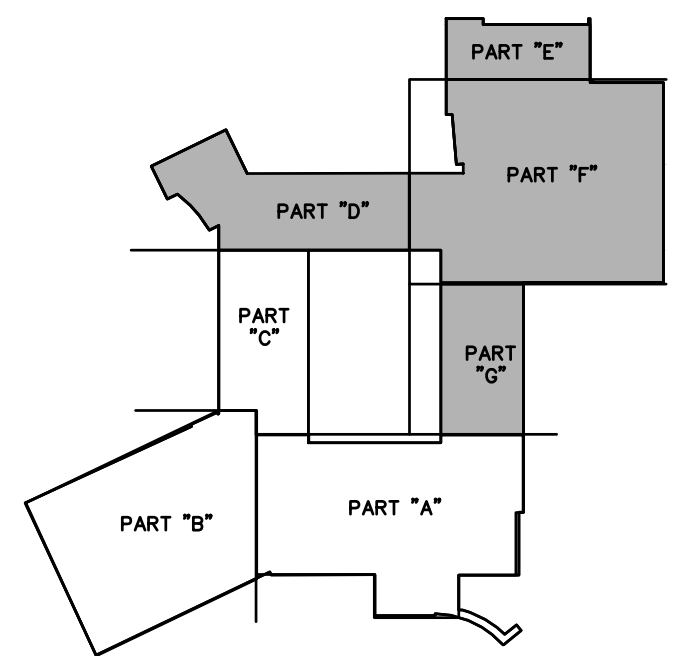
SITE PLAN - AUX GYM
1/8" = 1'-0"

1
FIG.1-8



SITE PLAN PART G.2 - MAIN LEVEL
1/8" = 1'-0"

3
FIG.1-8



No.	DATE	DESCRIPTION	DESIGNER	REVIEWER
1.				

SEAL	SEAL

SCALE:	HORZ.: 1/8" = 1'-0"
	VERT.: 1/8" = 1'-0"
DATUM:	HORZ.: 1/8" = 1'-0"
	VERT.: 1/8" = 1'-0"
	GRAPHIC SCALE

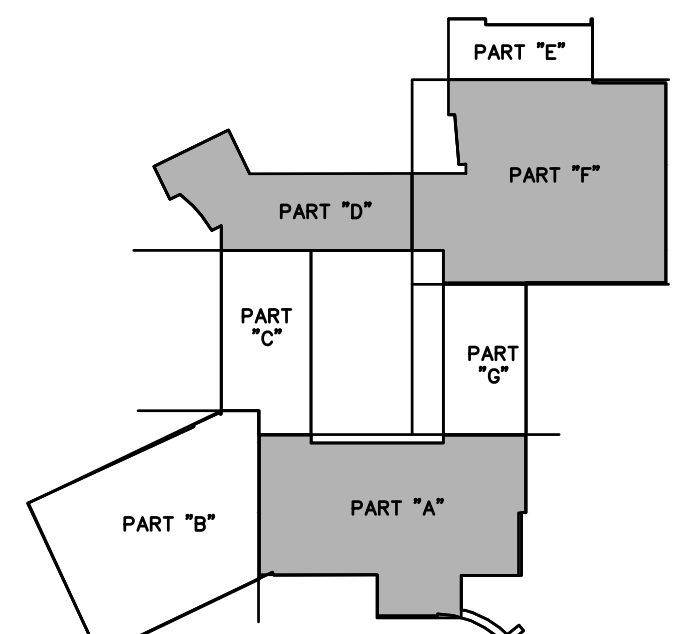
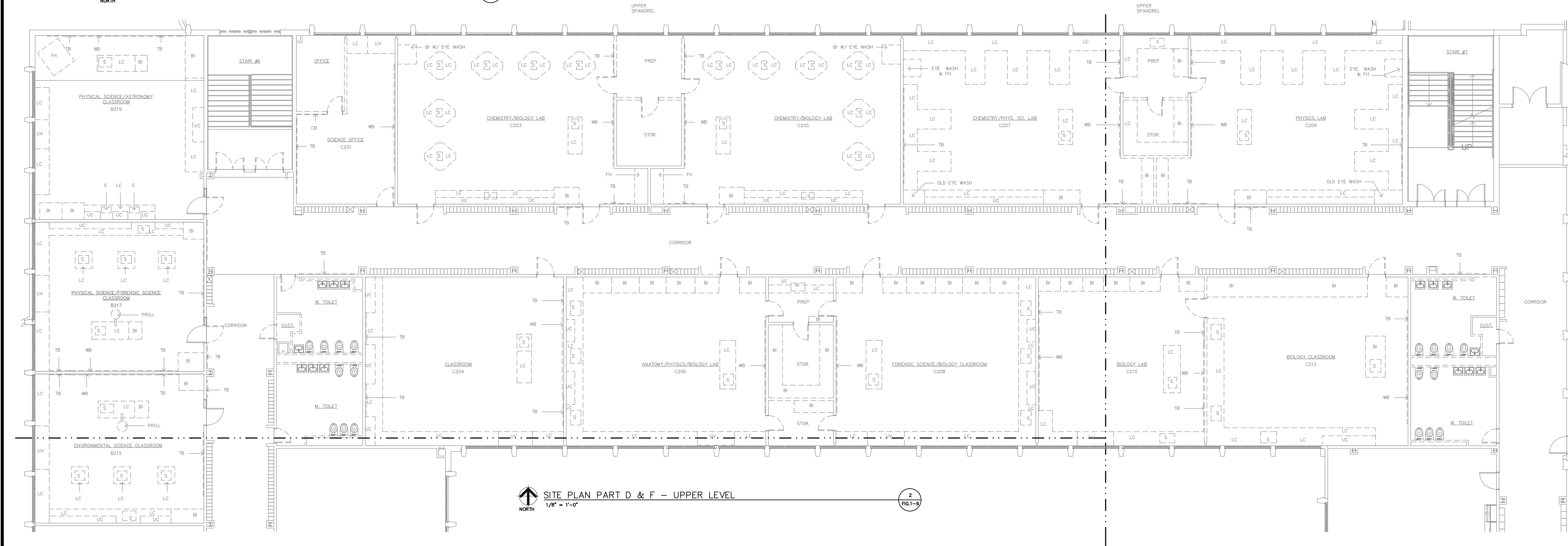
FUSS & O'NEILL
EnviroScience, LLC
146 HARTFORD ROAD
MANCHESTER, CONNECTICUT 06040
860.646.2469
www.fuss-on.com

CITY OF BRIDGEPORT
MAIN LEVEL SITE PLAN
CENTRAL HIGH SCHOOL
BRIDGEPORT, CONNECTICUT

PROJ. No.: 20110793.A2E
DATE: SEPTEMBER 2013
FIG. 1-8



HAZARDOUS MATERIALS
ABATEMENT NOTES / KEY
-SEE OTHER HM SHEETS THIS SET



No.	DATE	DESCRIPTION	DESIGNER	REVIEWER
1.				

SEAL	SEAL
------	------

SCALE:	HORIZ.: 1/8" = 1'-0"
DATUM:	VERT.: 1/8" = 1'-0"
GRAPHIC SCALE	1/8" 0 1/8"

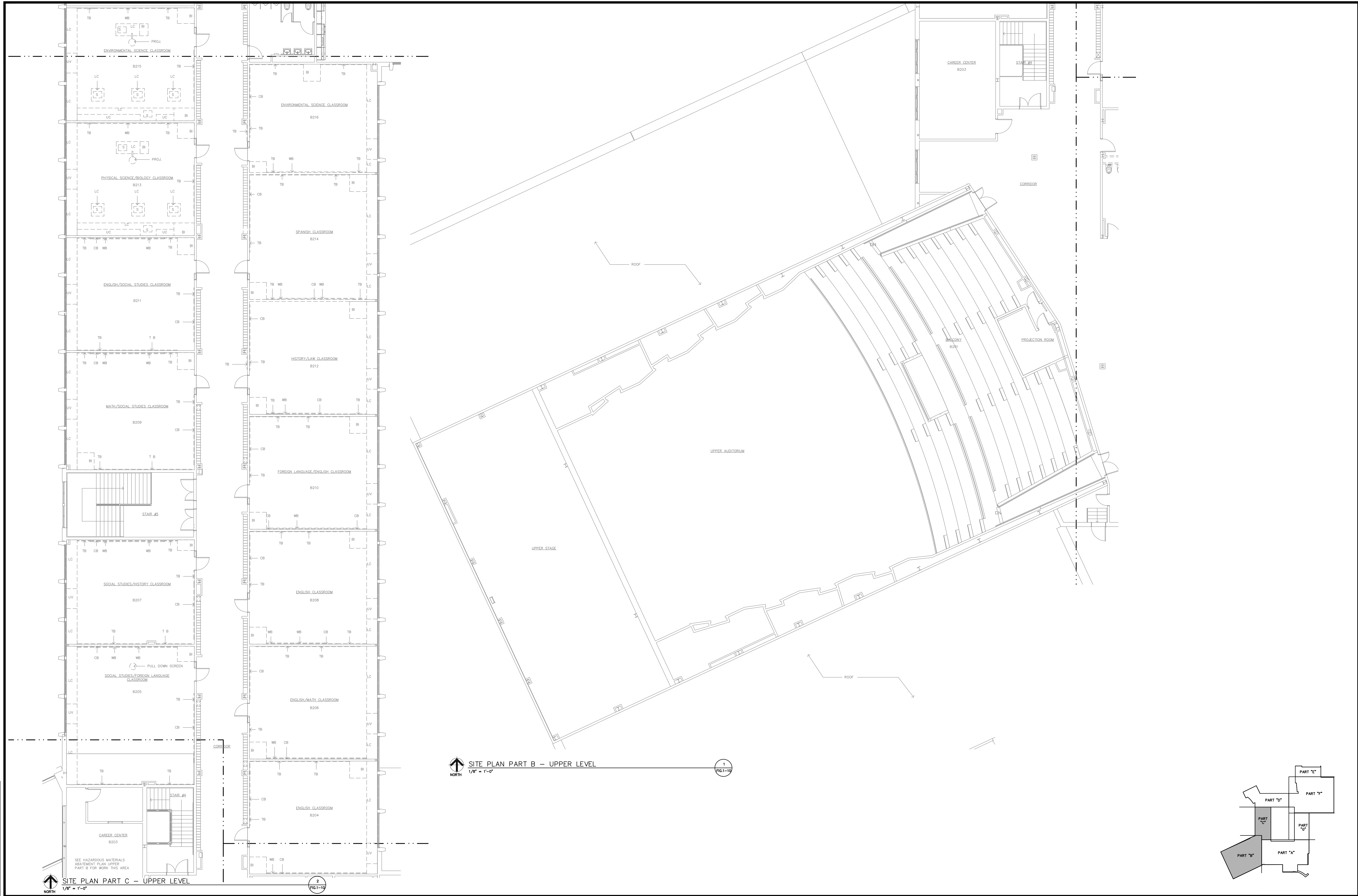
FUSS & O'NEILL
EnviroScience, LLC
146 HARTFORD ROAD
MANCHESTER, CONNECTICUT 06040
860.646.2469
www.fandoh.com

CITY OF BRIDGEPORT
UPPER LEVEL SITE PLAN
PART A, D, & F
CENTRAL HIGH SCHOOL
BRIDGEPORT, CONNECTICUT

PROJ. No.: 20110793.A2E
DATE: SEPTEMBER 2013
FIG. 1-9

File Path: J:\DWG\2011\0793\A2E\Xrefs\0110793A2E_CHS_UP_LEV.dwg Layout: FIG 1-9 Plotted: Thu, September 05, 2013 - 3:39 PM User: sions
MS VIEW: Plotter: DWG TO PDF PC3 CTB File: FO 2008 MONO.CTB LAYER STATE:

File Path: J:\DWG\2011\0793\A2E\Xref\0110793A2E_CHS_UP_LEV.dwg Layout: FIG.1-10 Plotted: Thu, September 05, 2013 - 3:39 PM User: stions
MS VIEW: 1/8" = 1'-0" Plotter: DWG TO PDF PLOT CTB File: FO 2008 MONO.CTB LAYER STATE:



No.	DATE	DESCRIPTION	DESIGNER	REVIEWER
1.				

SEAL	SEAL
------	------

--	--

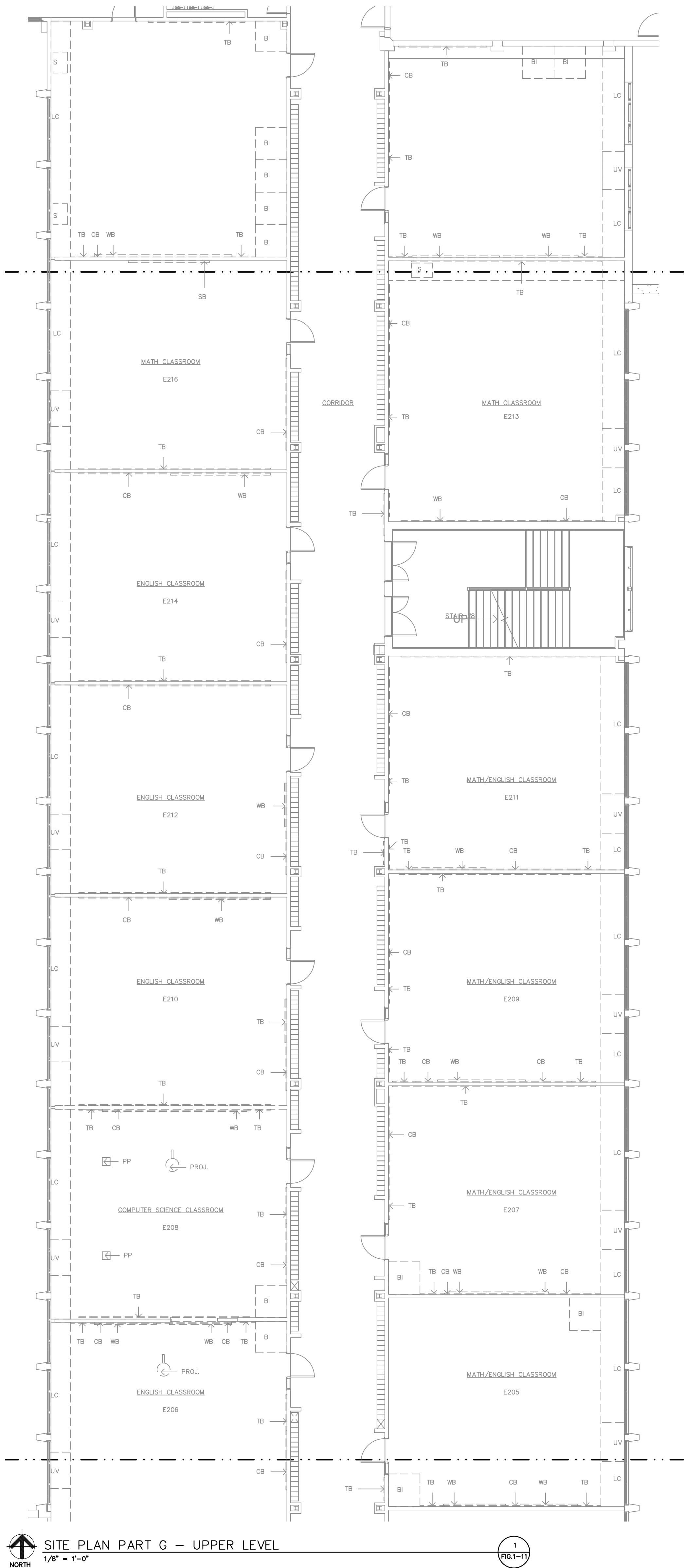
SCALE:	HORZ.: 1/8" = 1'-0"
DATUM:	VERT.: 1/8" = 1'-0"
GRAPHIC SCALE	1/8" 0 1/8"

FUSS & O'NEILL
EnviroScience, LLC
146 HARTFORD ROAD
MANCHESTER, CONNECTICUT 06040
860.646.2469
www.fandoh.com

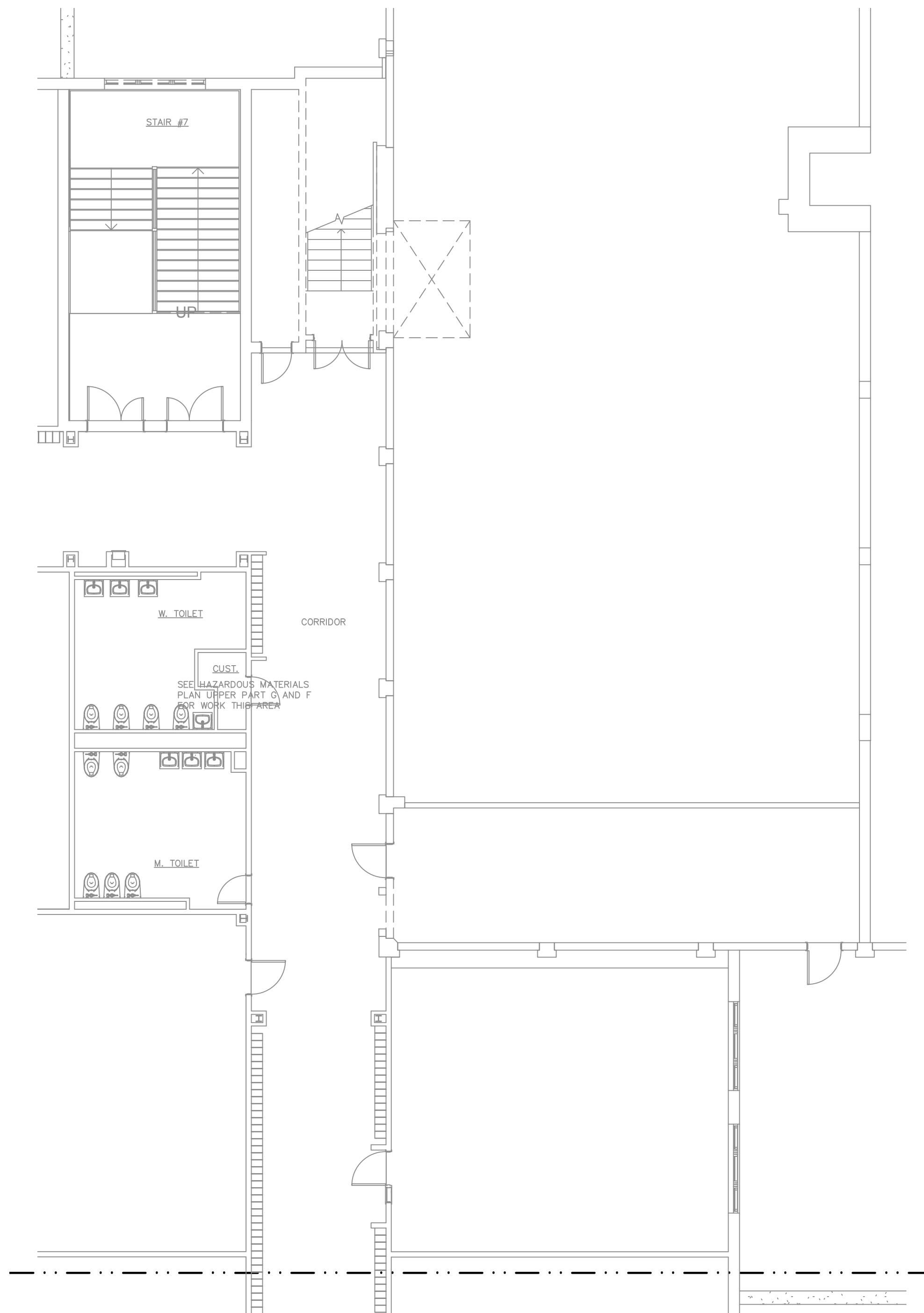
CITY OF BRIDGEPORT
UPPER LEVEL SITE PLAN
PART B & G
CENTRAL HIGH SCHOOL
BRIDGEPORT, CONNECTICUT

PROJ. No.: 20110793.A2E
DATE: SEPTEMBER 2013
FIG. 1-10

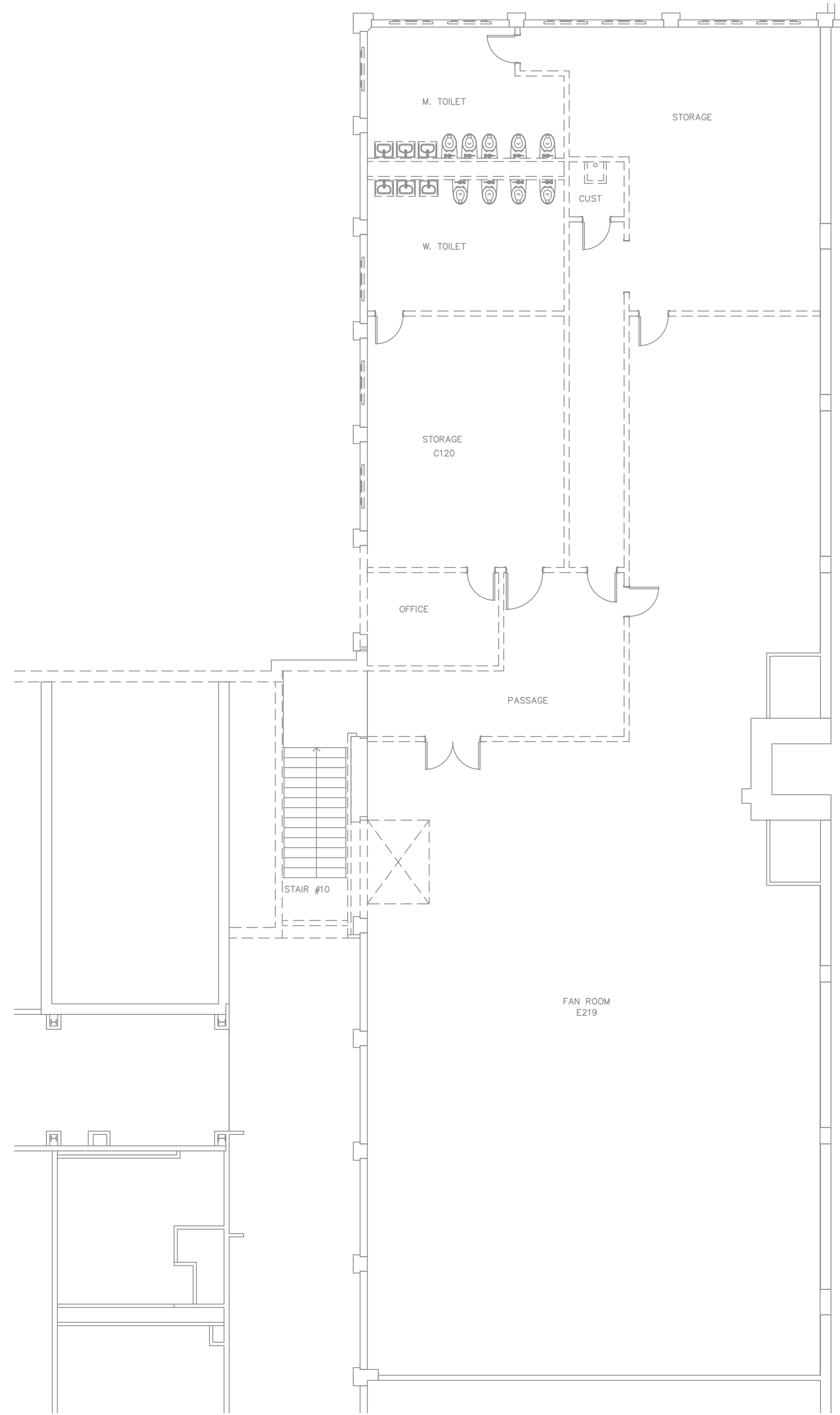
File Path: J:\DWG\2013\20130905\20130905_FLD05_CHS_UP_LEV.dwg Layout: FIG1-11 Plotted: Thu, September 05, 2013 - 3:40 PM User: strons
MS VIEW: LAYER STATE: Plotter: DWG TO PDF PC3 CTB File: FO 2008 MONO.CTB



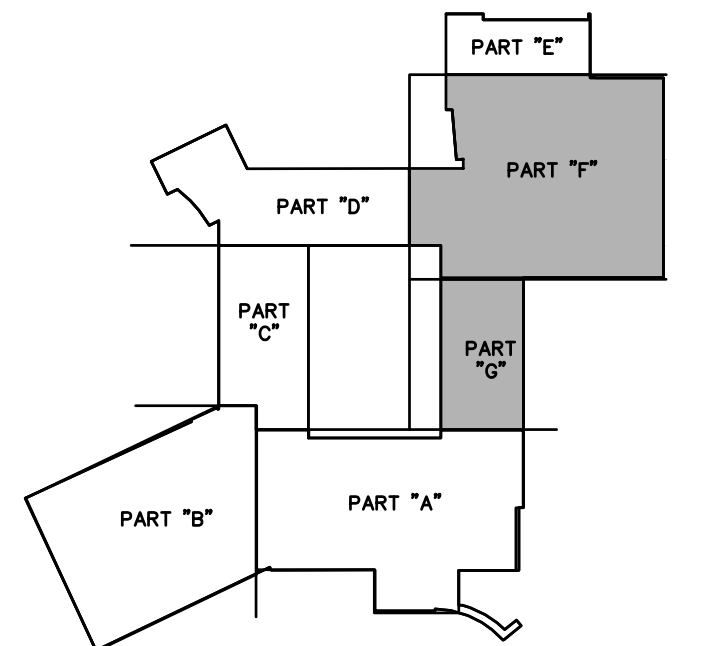
SITE PLAN PART G - UPPER LEVEL
1/8" = 1'-0"



SITE PLAN PART F - UPPER LEVEL
1/8" = 1'-0"



SITE PLAN - MEZZANINE
1/8" = 1'-0"



No.	DATE	DESCRIPTION	DESIGNER	REVIEWER
1.				

SEAL	SEAL

SCALE:	HORIZ.: 1/8" = 1'-0"
DATUM:	VERT.: 1/8" = 1'-0"
GRAPHIC SCALE	1/8" 0 1/8"

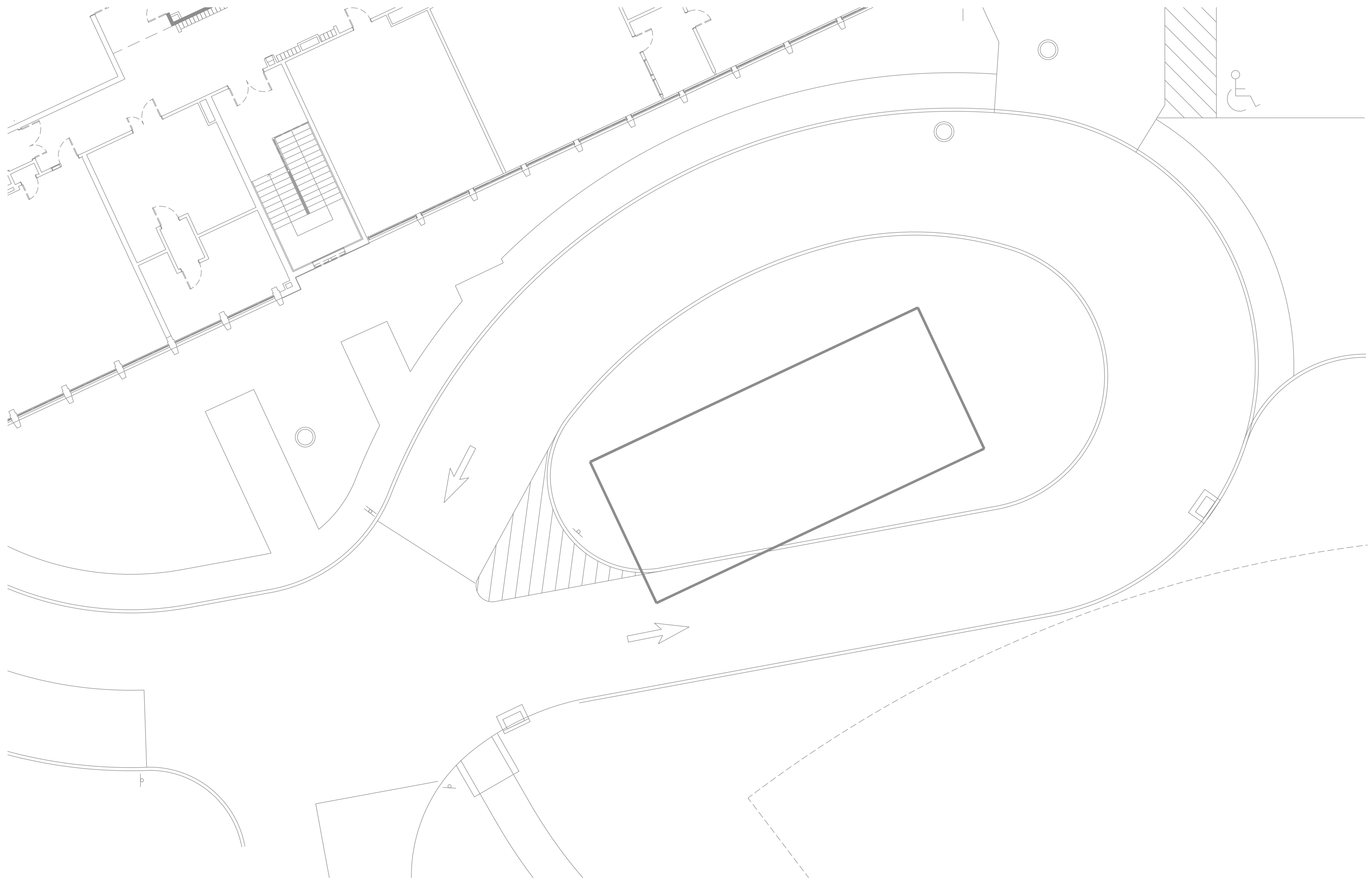
FUSS & O'NEILL
EnviroScience, LLC
146 HARTFORD ROAD
MANCHESTER, CONNECTICUT 06040
860.646.2469
www.fuss-on.com

CITY OF BRIDGEPORT
UPPER LEVEL SITE PLAN
PART G & F, MEZZANINE PART F
CENTRAL HIGH SCHOOL

BRIDGEPORT, CONNECTICUT

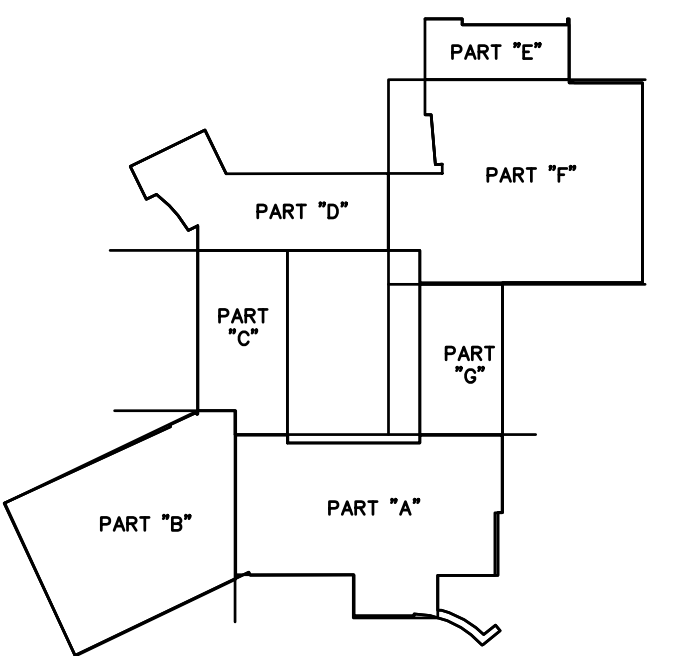
PROJ. No.: 20110793.A2E
DATE: SEPTEMBER 2013
FIG. 1-11

File Path: J:\DWG\2011\0793\A2E\Xref\20110793A2E_FLR06_PORTABLE_KIM-12.dwg Layout: FIG-12 Plotted: Thu, September 05, 2013 - 3:40 PM User: sions
MS VIEW: LAYER STATE: Plotter: DWG TO PDF PC3 CTB File: FO 2008 MONO.CTB



 SITE PLAN - PORTABLE KITCHEN BUILDING
1/8" = 1'-0"

1
FIG-12



No.	DATE	DESCRIPTION	DESIGNER	REVIEWER
1.				

SEAL	SEAL

SCALE:
HORZ.: 1/8" = 1'-0"
VERT.:
DATUM:
HORZ.:
VERT.:
1/8" 0 1/8"
GRAPHIC SCALE

**FUSS & O'NEILL**
EnviroScience, LLC
146 HARTFORD ROAD
MANCHESTER, CONNECTICUT 06040
860.646.2469
www.fandob.com

CITY OF BRIDGEPORT
PORTABLE KITCHEN BUILDING SITE PLAN
CENTRAL HIGH SCHOOL
BRIDGEPORT, CONNECTICUT

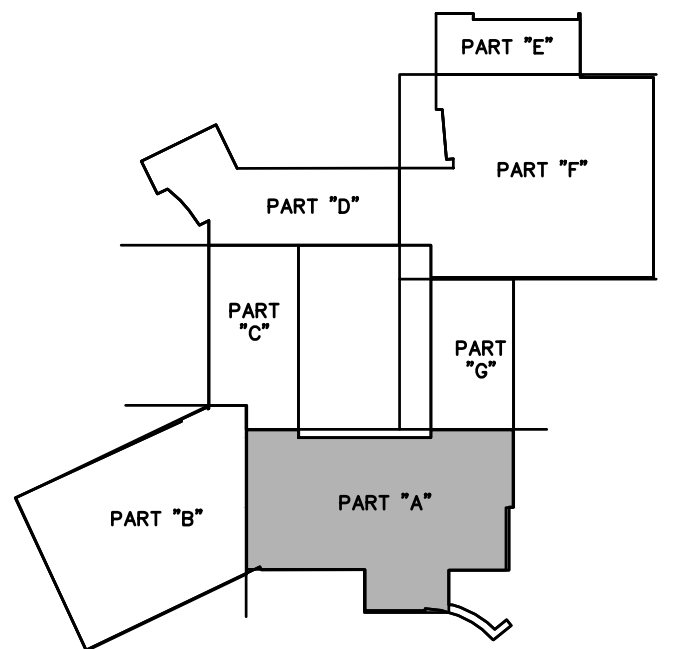
PROJ. No.: 20110793.A2E
DATE: SEPTEMBER 2013
FIG. 1-12

File Path: J:\DWG\010793\A2E\EnvironmentalPlan\20110793A2E_PCB03_CHS_LOW_LEV.dwg Layout: FIG2-1 Plotted: Thu, September 05, 2013 - 3:29 PM User: slions
MS VIEW: LAYER STATE: Plotter: NONE CTB File: FOSTB



 PCB SOURCE SAMPLING PART A – LOWER LEVEL
1/8" = 1'-0"

1
FIG. 2-1



No.	DATE	DESCRIPTION	DESIGNER	REVIEWER
1.				

SEAL

SEAL

SCALE:
HORZ.: 1/8" = 1'-0"
VERT.:
DATUM:
HORZ.:
VERT.:
1/8" 0 1/8"
GRAPHIC SCALE



FUSS & O'NEILL
EnviroScience, LLC
146 HARTFORD ROAD
MANCHESTER, CONNECTICUT 06040
860.646.2469
www.fandoc.com

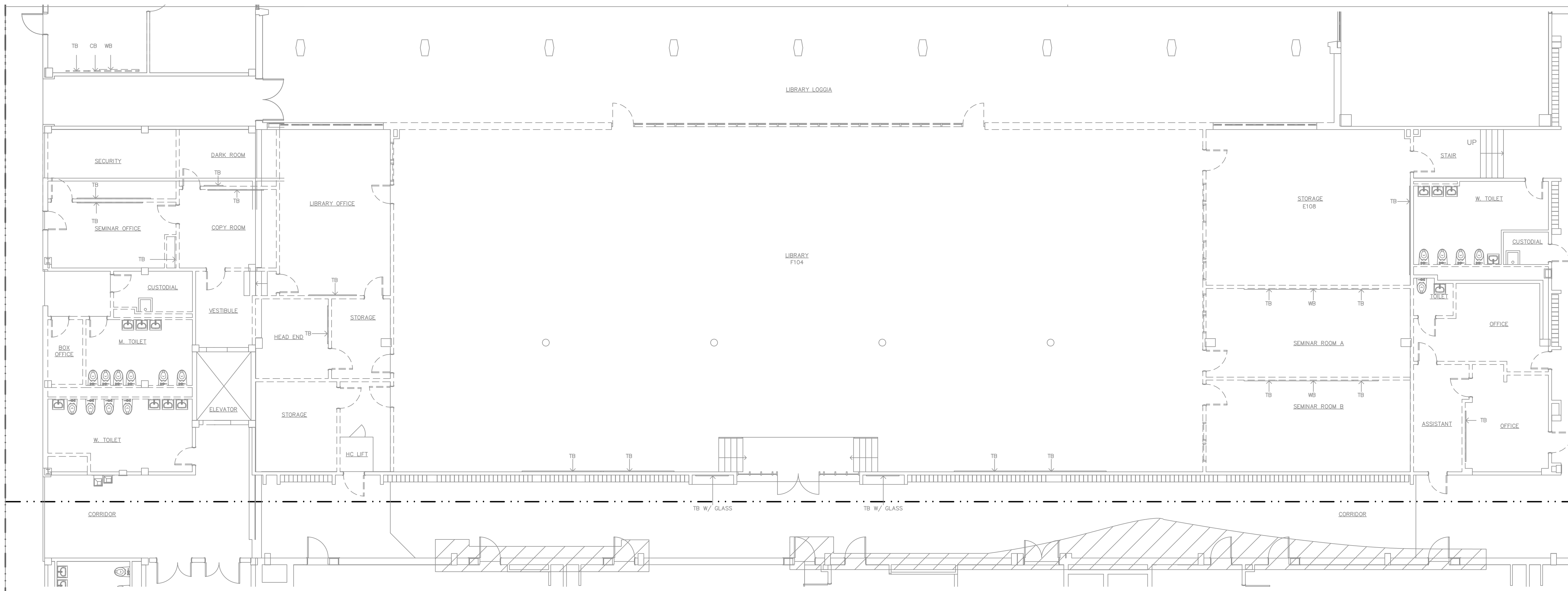
1 LINCOLN BLVD.

CITY OF BRIDGEPORT
LOWER LEVEL PCB SOURCE SAMPLING PLAN
PART A
CENTRAL HIGH SCHOOL

BRIDGEPORT, CONNECTICUT

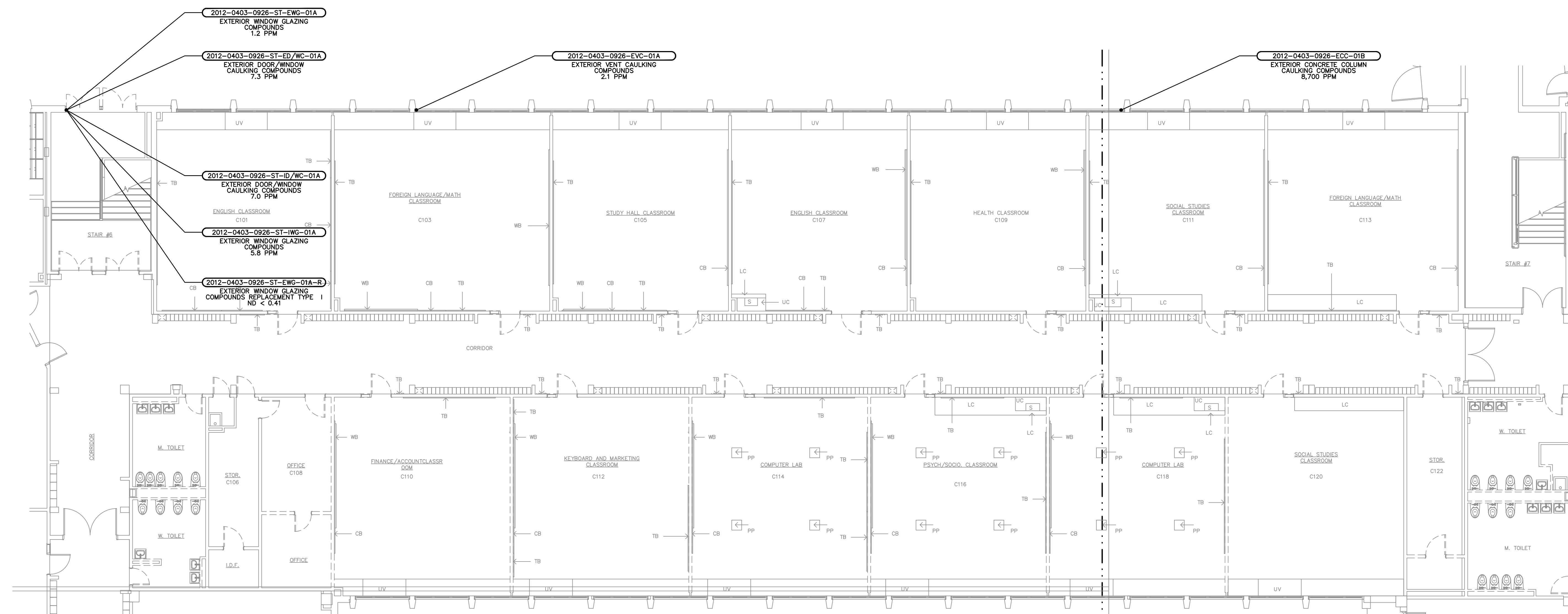
PROJ. No.: 20110793.A2E
DATE: SEPTEMBER 2013

FIG 2-1



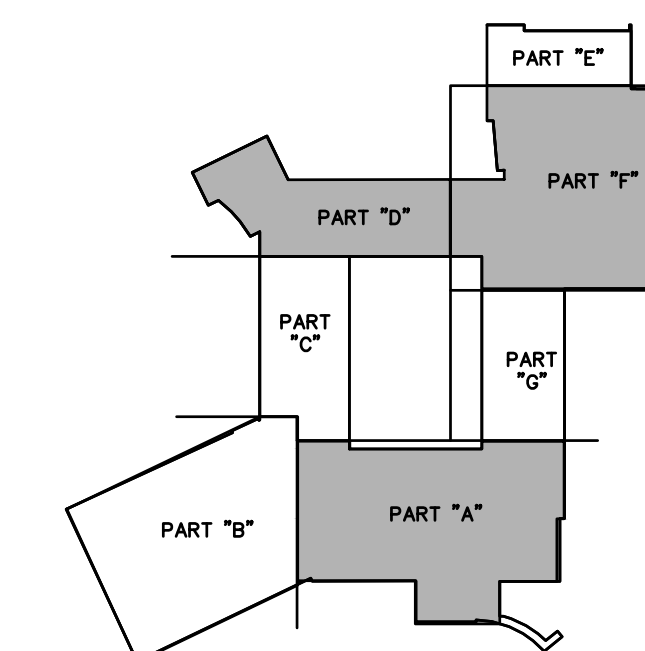
PCB SOURCE SAMPLING PLAN PART A - MAIN LEVEL
1/8" = 1'-0"

1
FIG. 2-3



PCB SOURCE SAMPLING PLAN PART D & F - MAIN LEVEL
1/8" = 1'-0"

2
FIG. 2-3



No.	DATE	DESCRIPTION	DESIGNER	REVIEWER
1.				

SEAL	SEAL
------	------

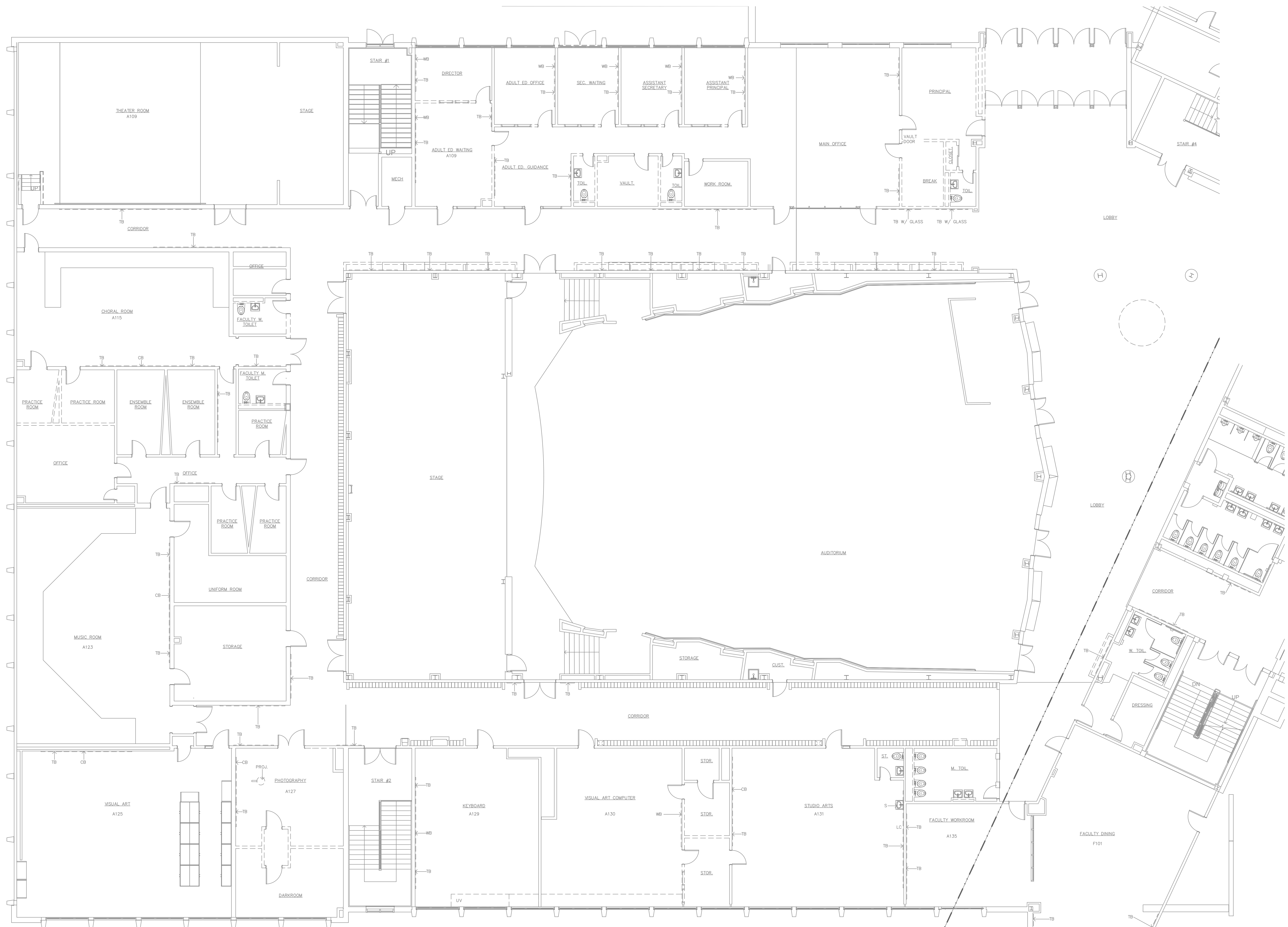
SCALE:
HORIZ.: 1/8" = 1'-0"
VERT.:
DATUM:
HORIZ.:
VERT.:
1/8" 0 1/8"
GRAPHIC SCALE

f **FUSS & O'NEILL**
EnviroScience, LLC
146 HARTFORD ROAD
MANCHESTER, CONNECTICUT 06040
860.646.2469
www.fandn.com

CITY OF BRIDGEPORT
MAIN LEVEL PCB SOURCE SAMPLING PLAN
PART A, D, & F
CENTRAL HIGH SCHOOL
BRIDGEPORT, CONNECTICUT

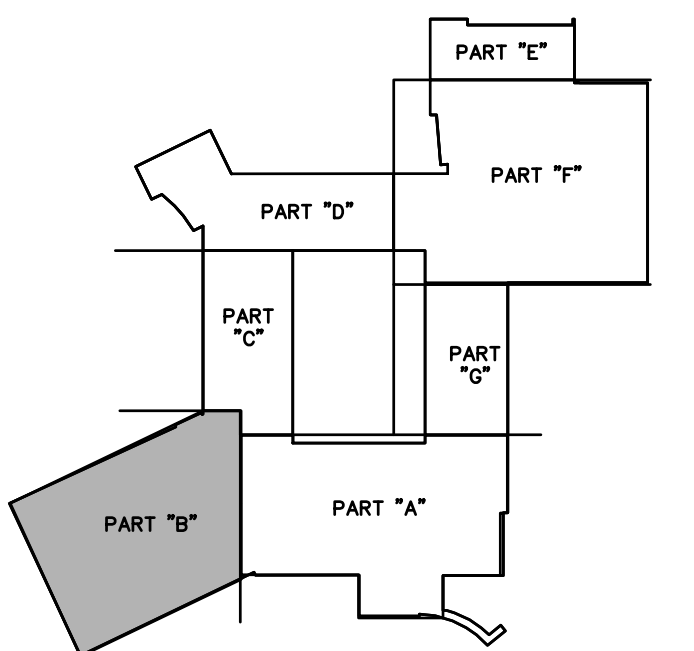
PROJ. No.: 20110793.A2E
DATE: SEPTEMBER 2013
FIG. 2-3

File Path: J:\DWG\20110793A2E\EnvironmentalPlan\20110793A2E_CHS_MAIN LEV.dwg Layout: FIG2-4 Plotted: Thu, September 05, 2013 - 3:30 PM User: stions
MS VIEW: Plotter: NONE CTD File: F0 STB LAYER STATE:



PCB SOURCE SAMPLING PLAN PART B - MAIN LEVEL
1/8" = 1'-0"

1
FIG. 2-4



No.	DATE	DESCRIPTION	DESIGNER	REVIEWER
1.				

SEAL

SEAL

SCALE:
HORZ.: 1/8" = 1'-0"
VERT.:
DATUM:
HORZ.:
VERT.:
1/8" 0 1/8"
GRAPHIC SCALE



FUSS & O'NEILL
EnviroScience, LLC
146 HARTFORD ROAD
MANCHESTER, CONNECTICUT 06040
860.646.2469
www.fandob.com

1 LINCOLN BLVD.

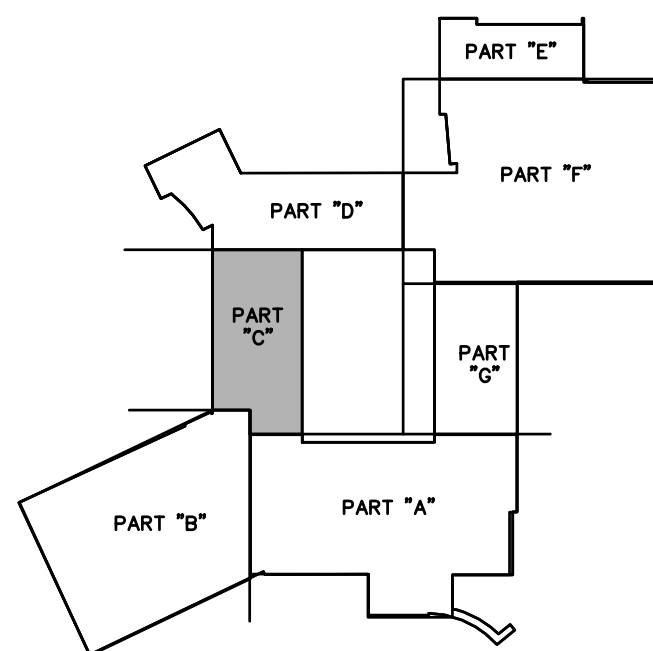
CITY OF BRIDGEPORT
MAIN LEVEL PCB SOURCE SAMPLING PLAN
PART B
CENTRAL HIGH SCHOOL

BRIDGEPORT, CONNECTICUT

PROJ. No.: 20110793.A2E
DATE: SEPTEMBER 2013

FIG. 2-4

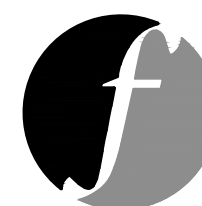
File Path: J:\DWG\2011\0709\A2\Environmental\Plan\20110709A2E_PCB04_CHS_MAIN.LEV.dwg Layout: FIG.2-5 Plotted: Thu, September 05, 2013 - 3:31 PM User: sjones
LAYER STATE: Plotter: NONE CTB File: FDS.TB



No.	DATE	DESCRIPTION	DESIGNER	REVIEWER
1.				

SEAL	SEAL
------	------

SCALE:	HORZ.: 1/8" = 1'-0"
	VERT.:
DATUM:	HORZ.:
	VERT.:
1/8"	0 1/8"
GRAPHIC SCALE	



FUSS & O'NEILL
EnviroScience, LLC
146 HARTFORD ROAD
MANCHESTER, CONNECTICUT 06040
860.646.2469
www.fando.com

1 LINCOLN BLVD.

CITY OF BRIDGEPORT
MAIN LEVEL PCB SOURCE SAMPLING PLAN
PART C
CENTRAL HIGH SCHOOL

BRIDGEPORT, CONNECTICUT

PROJ. No.: 20110703 A2E
DATE: SEPTEMBER 2013
FIG. 2-5

File Path: J:\DWG\20110793\A2E\EnvironmentalPlan\20110793A2E_PC604_CHS_MAIN.LEV.dwg Layout: FIG.2-6 Plotted: Thu, September 06, 2013 - 3:32 PM User: stions
MS VIEW: Plotter: NONE CTB File: F0 STB LAYER STATE:



No.	DATE	DESCRIPTION	DESIGNER	REVIEWER
1.				

SEAL	SEAL
------	------

--	--

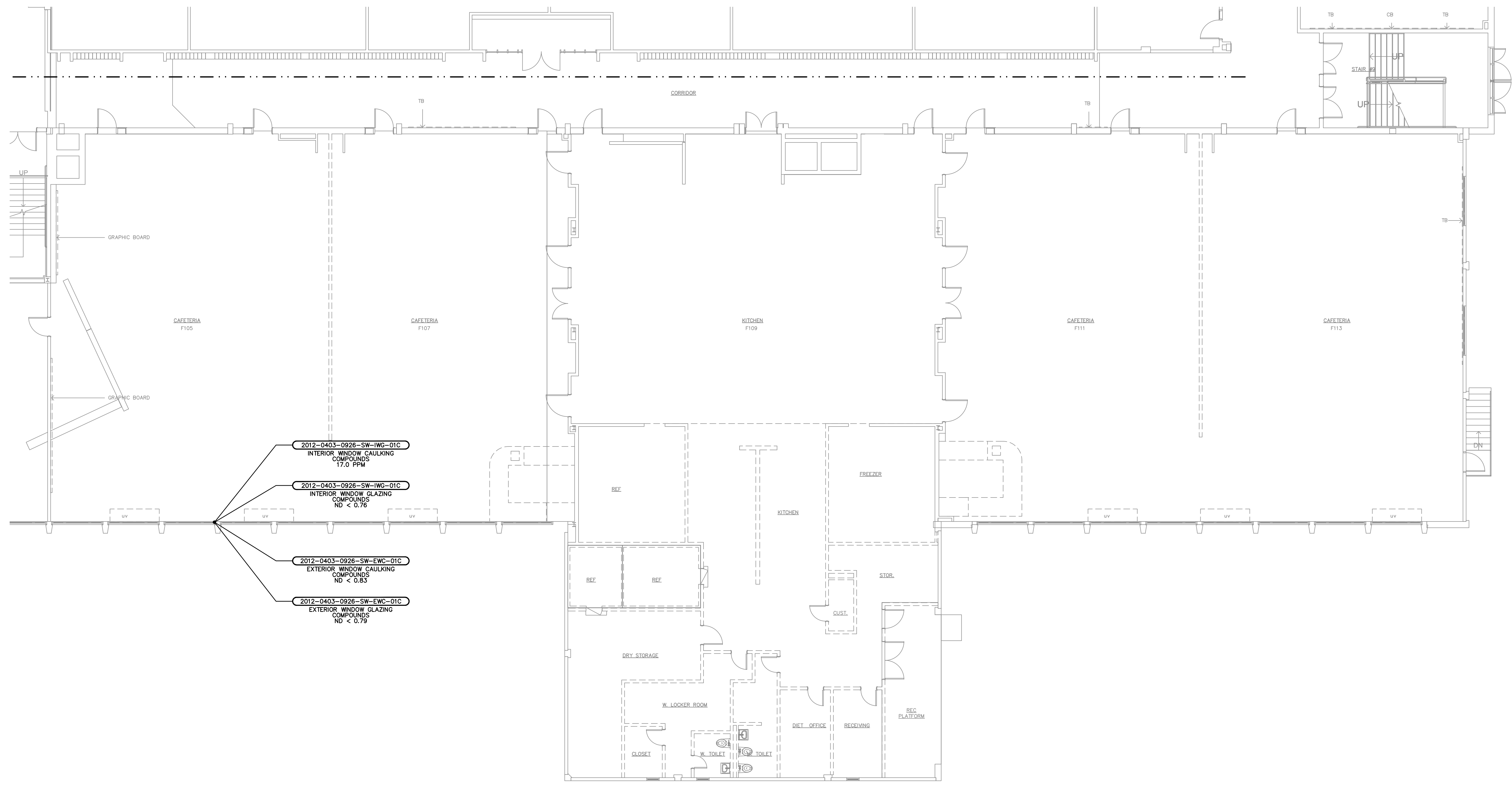
SCALE:	HORZ.: 1/8" = 1'-0"
	VERT.: 1/8" = 1'-0"
DATUM:	HORZ.: 1/8" = 1'-0"
	VERT.: 1/8" = 1'-0"
1/8"	0 1/8"
GRAPHIC SCALE	

f **FUSS & O'NEILL**
EnviroScience, LLC
146 HARTFORD ROAD
MANCHESTER, CONNECTICUT 06040
860.646.2469
www.fandoh.com

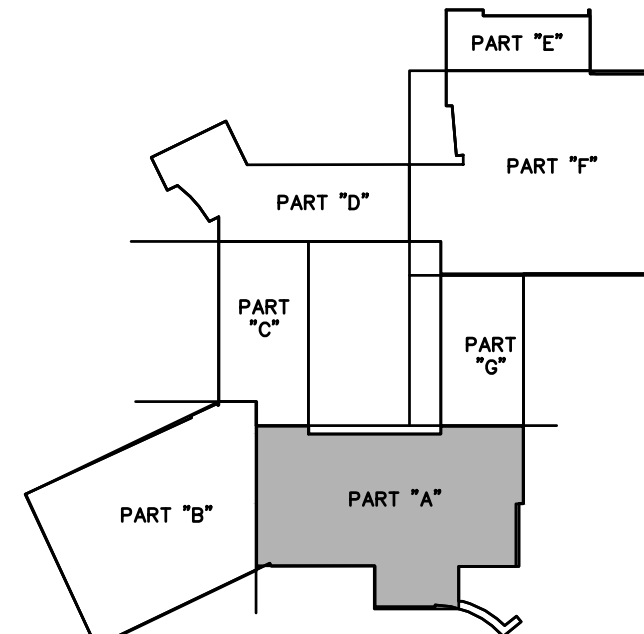
CITY OF BRIDGEPORT
MAIN LEVEL PCB SOURCE SAMPLING PLAN
PART F
CENTRAL HIGH SCHOOL
BRIDGEPORT, CONNECTICUT

PROJ. No.: 20110793.A2E
DATE: SEPTEMBER 2013
FIG. 2-6

File Path: J:\DWG\20110793\A2E\EnvironmentalPlan\20110793A2E_CHS_MAIN.LEV.dwg Layout: FIG.2-7 Plotted: Thu, September 05, 2013 3:32 PM User: stons
MS VIEW: LAYER STATE: Plotter: NONE CTB File: FOSTB



 PCB SOURCE SAMPLING PLAN — KITCHEN & CAFETERIA
1/8" = 1'-0" 



No.	DATE	DESCRIPTION	DESIGNER	REVIEWER
1.				

SEAL	SEAL
------	------

SCALE:	HORZ.: 1/8" = 1'-0"
	VERT.: 1/8" = 1'-0"
DATUM:	HORZ.: 1/8" = 1'-0"
	VERT.: 1/8" = 1'-0"
1/8"	0 1/8"
GRAPHIC SCALE	



FUSS & O'NEILL
EnviroScience, LLC
146 HARTFORD ROAD
MANCHESTER, CONNECTICUT 06040
860.646.2469
www.fandob.com

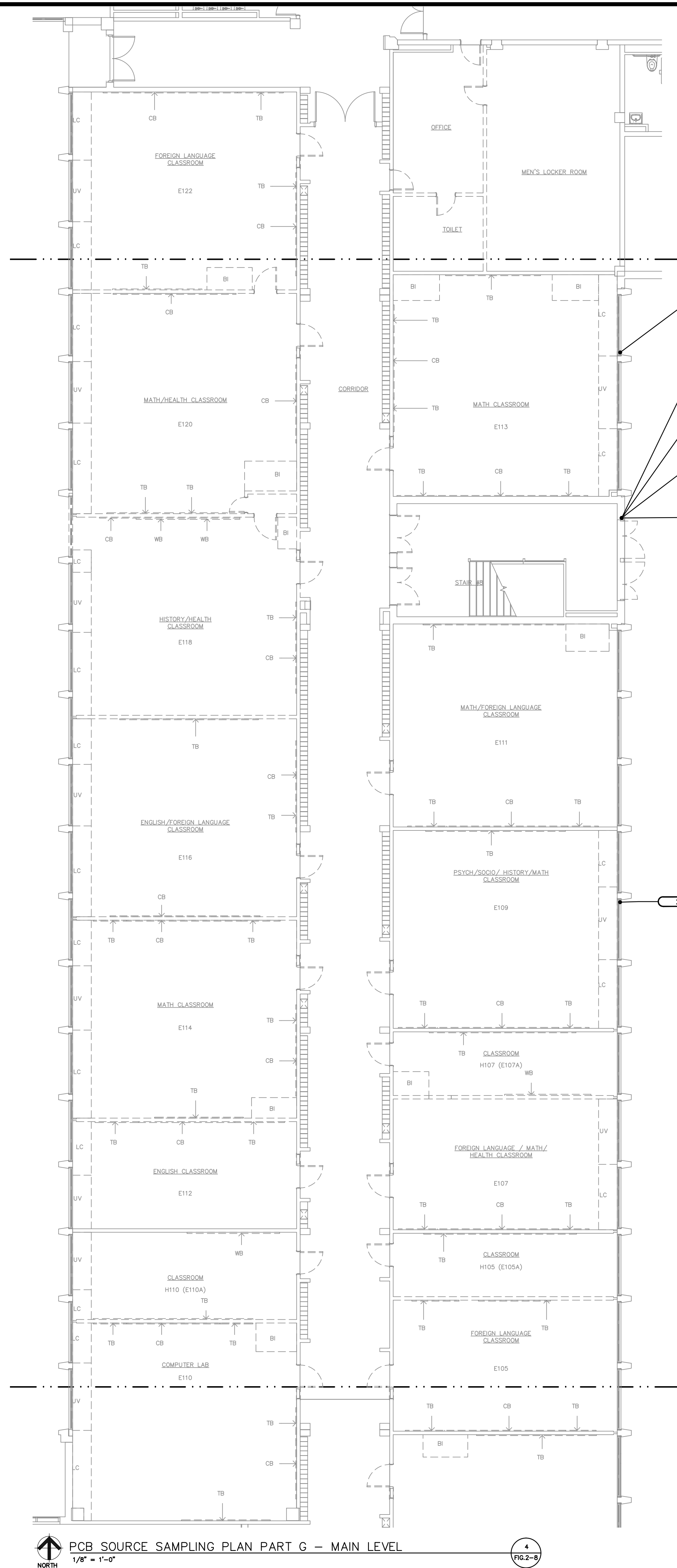
CITY OF BRIDGEPORT
MAIN LEVEL PCB SOURCE SAMPLING PLAN
KITCHEN & CAFETERIA
CENTRAL HIGH SCHOOL

1 LINCOLN BLVD.

BRIDGEPORT, CONNECTICUT

PROJ. No.: 20110793.A2E DATE: SEPTEMBER 2013
FIG. 2-7

File Path: J:\DWG\20110793\2\EnvironmentalPlan\20110793A2E_PC604_CHS_MAIN.LEV.dwg Layout: FIG.2-8 Plotted: Thu, September 05, 2013 - 3:33 PM User: stions
MS VIEW: LAYER STATE: Plotter: NONE CTB File: FOSTB

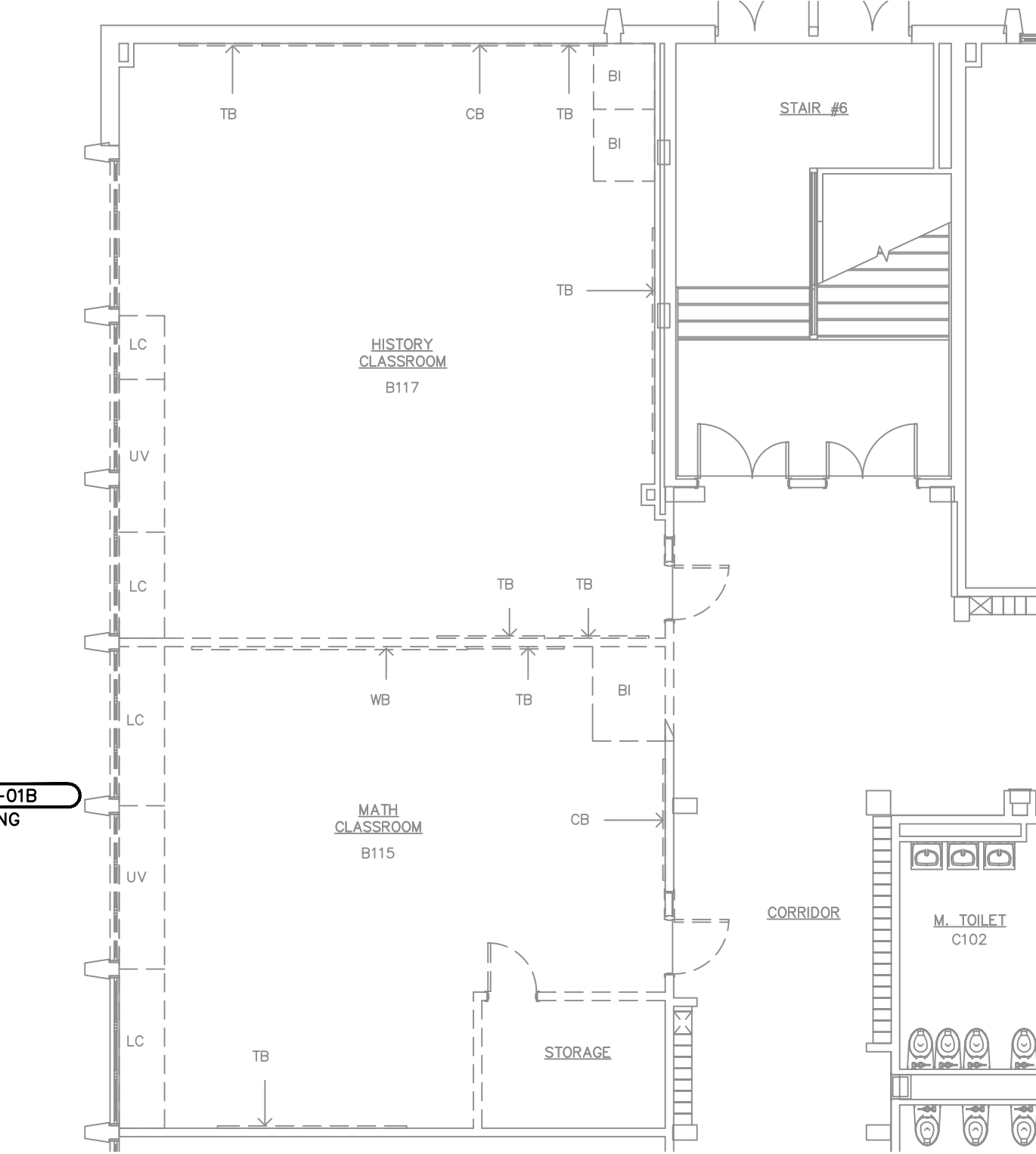


PCB SOURCE SAMPLING PLAN PART G - MAIN LEVEL
1/8" = 1'-0"

4
FIG.2-8

- 2012-0403-0926-CN-ECC-01C
EXTERIOR CONCRETE COLUMN
CAULKING COMPOUNDS
7,600 PPM
- 2012-0403-0926-ST-ED/MC-01B
EXTERIOR DOOR/WINDOW
CAULKING COMPOUNDS
7.0 PPM
- 2012-0403-0926-ST-EWG-01B
EXTERIOR WINDOW GLAZING
COMPOUNDS
ND < 0.80
- 2012-0403-0926-ST-EWG-01B-R
EXTERIOR WINDOW GLAZING
COMPOUNDS REPLACEMENT TYPE II
ND < 0.43
- 2012-0403-0926-ST-ID/MC-01B
INTERIOR DOOR/WINDOW
CAULKING COMPOUNDS
4.2 PPM

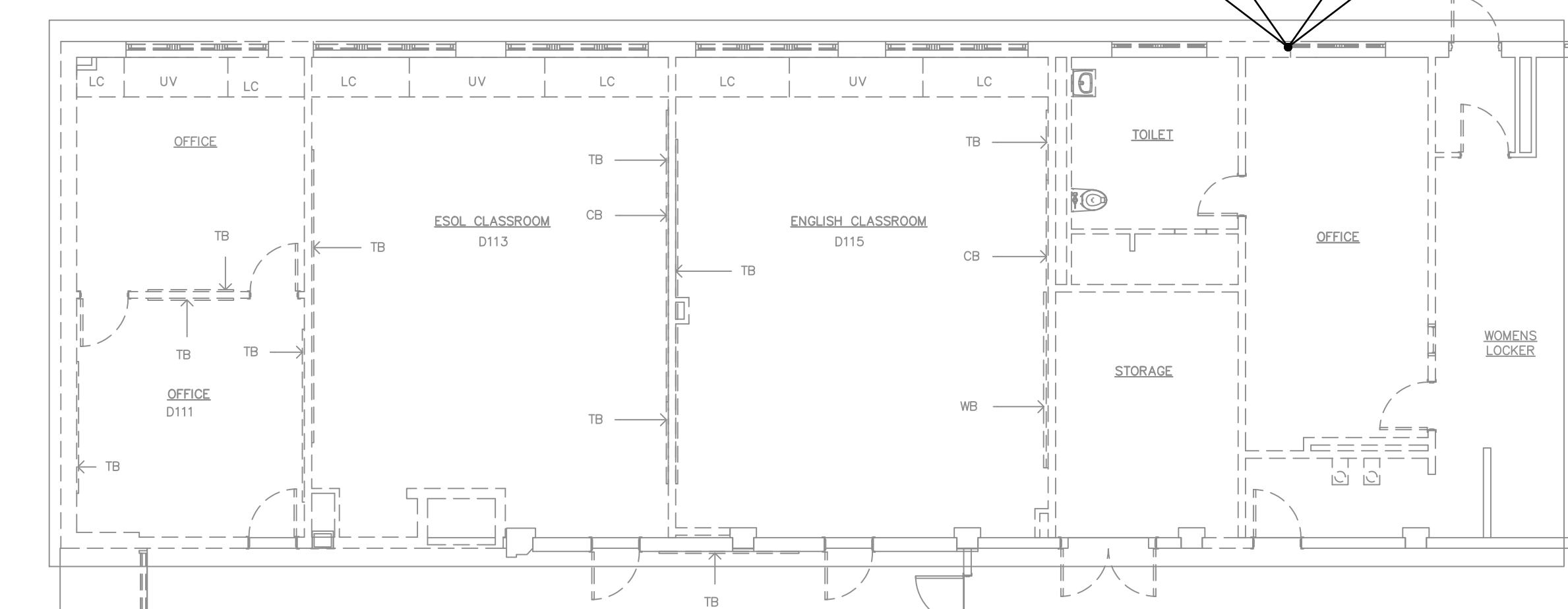
- 2012-0403-0926-EVC-01B
EXTERIOR VENT CAULKING
COMPOUNDS
ND < 0.82



PCB SOURCE SAMPLING PLAN - MEDIA CENTER
1/8" = 1'-0"

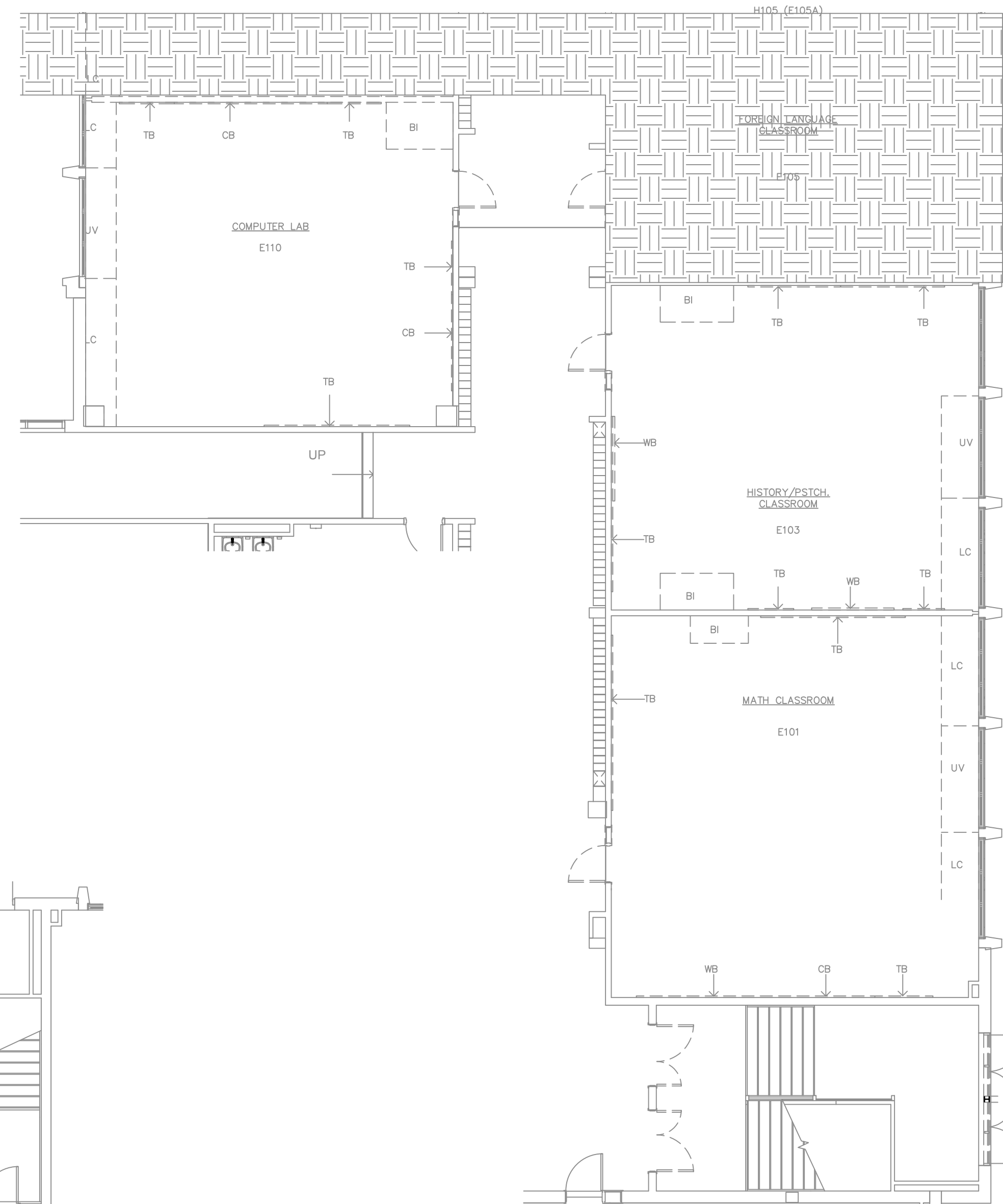
2
FIG.2-8

- 2012-0403-0926-SW-EWC-01A
EXTERIOR WINDOW CAULKING
COMPOUNDS
ND < 0.76
- 2012-0403-0926-SW-EWG-01A
EXTERIOR WINDOW GLAZING
COMPOUNDS
ND < 0.82
- 2012-0403-0926-ST-IWC-01A
INTERIOR WINDOW CAULKING
COMPOUNDS
30.0 PPM
- 2012-0403-0926-SW-IWG-01A
INTERIOR WINDOW GLAZING
COMPOUNDS
ND < 0.81



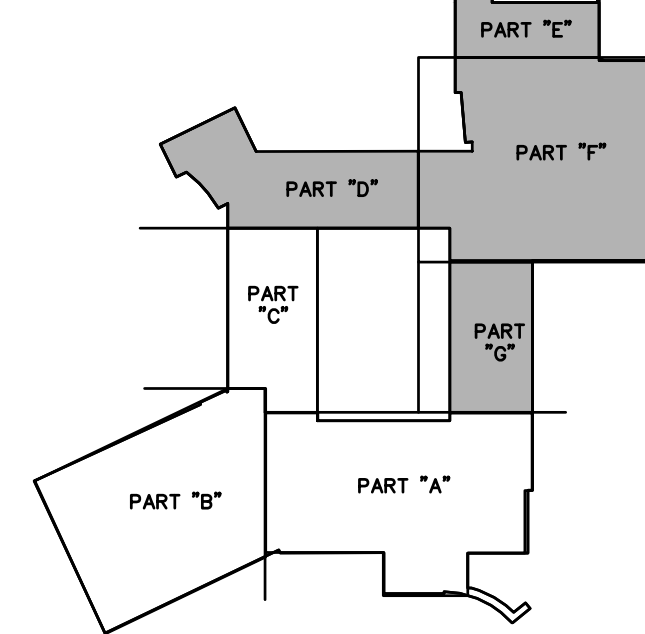
PCB SOURCE SAMPLING PLAN - AUX GYM
1/8" = 1'-0"

1
FIG.2-8



PCB SOURCE SAMPLING PLAN PART G.2 - MAIN LEVEL
1/8" = 1'-0"

3
FIG.2-8



No.	DATE	DESCRIPTION	DESIGNER	REVIEWER
1.				

SEAL	SEAL
------	------

SCALE:	HORIZ.: 1/8" = 1'-0"
	VERT.:
DATUM:	HORIZ.:
	VERT.:
1/8"	0 1/8"
GRAPHIC SCALE	



FUSS & O'NEILL
EnviroScience, LLC
146 HARTFORD ROAD
MANCHESTER, CONNECTICUT 06040
860.646.2469
www.foss-on.com

1 LINCOLN BLVD.

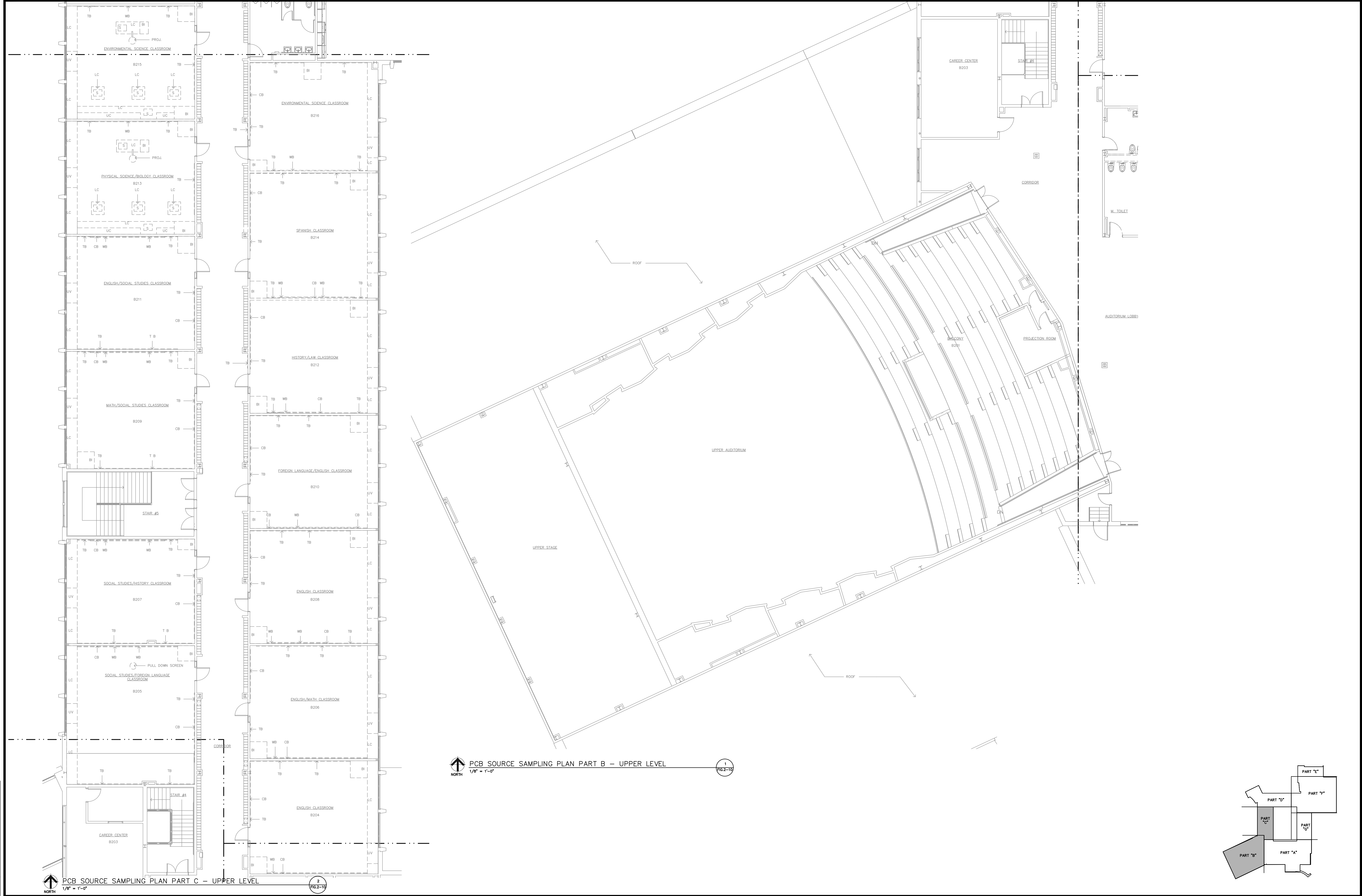
CITY OF BRIDGEPORT
MAIN LEVEL PCB SOURCE SAMPLING PLAN
CENTRAL HIGH SCHOOL

BRIDGEPORT, CONNECTICUT

PROJ. No.: 20110793.A2E
DATE: SEPTEMBER 2013
FIG. 2-8

FIG. 2-9


File Path: J:\DWG\2011\0793\A2E\EnvironmentalPlan\20110793A2E_PCB05_CHS_UP_LEV.dwg Layout: FIG2-10 Plotted: Thu, September 05, 2013 3:34 PM User: strons
MS VIEW: Plotter: NONE CTB File: FOSTB



No.	DATE	DESCRIPTION	DESIGNER	REVIEWER
1.				

SEAL	SEAL
------	------

--	--

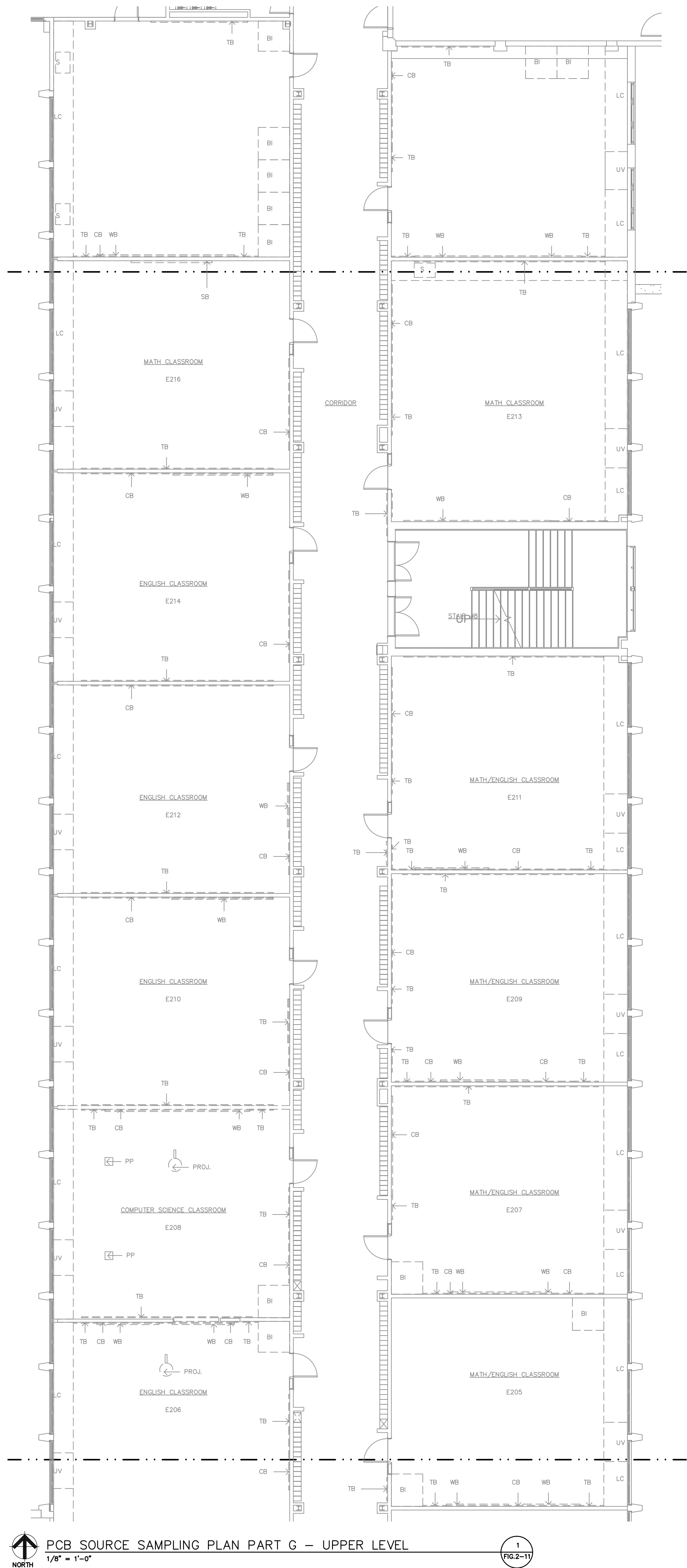
SCALE:	HORIZ.: 1/8" = 1'-0"	
	VERT.:	
DATUM:	HORIZ.:	
	VERT.:	
1/8	0	1/8
		
GRAPHIC SCALE		

f **FUSS & O'NEILL**
EnviroScience, LLC
146 HARTFORD ROAD
MANCHESTER, CONNECTICUT 06040
860.646.2469
www.fandob.com

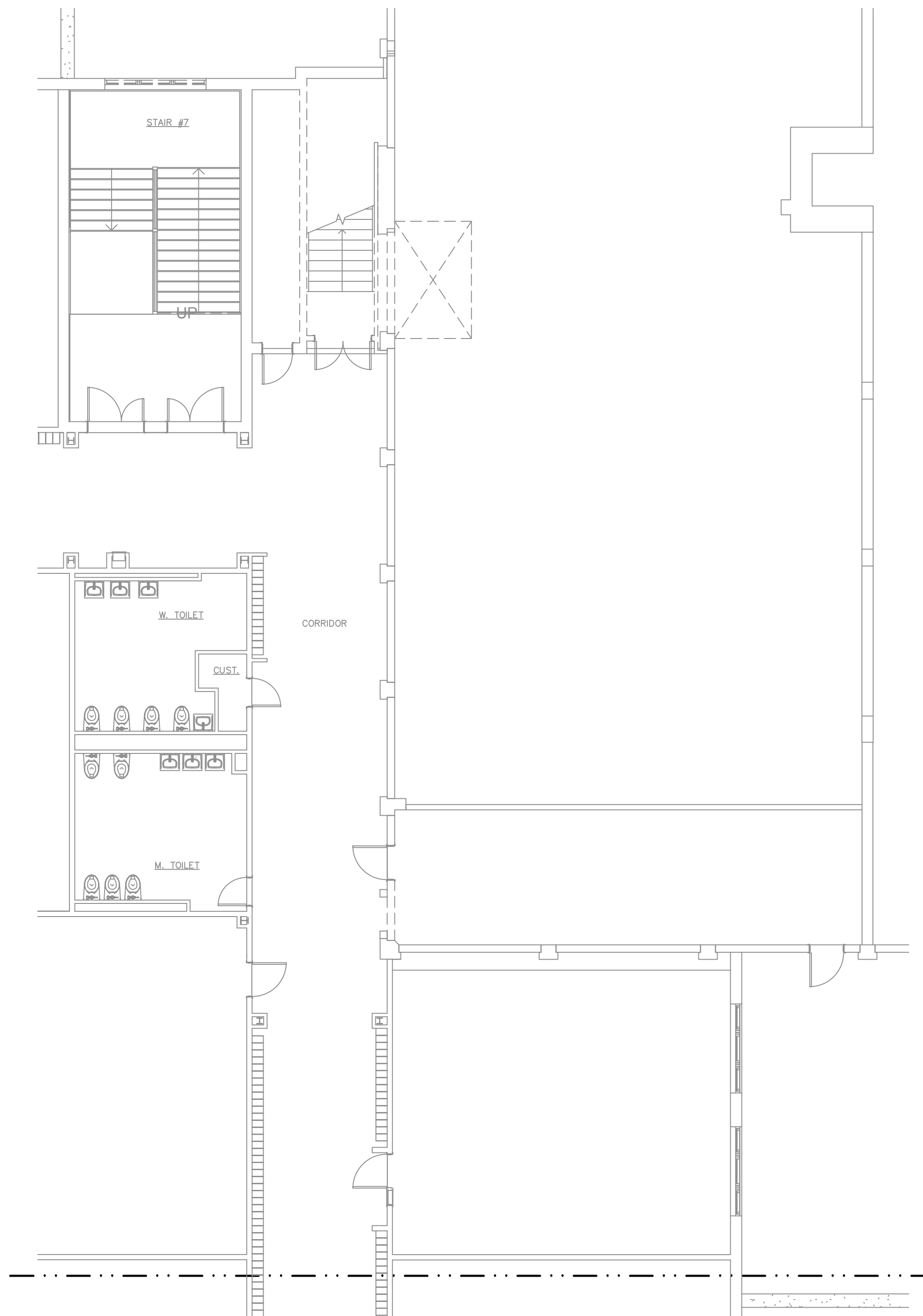
CITY OF BRIDGEPORT
UPPER LEVEL PCB SOURCE SAMPLING PLAN
PART B & G
CENTRAL HIGH SCHOOL
BRIDGEPORT, CONNECTICUT

PROJ. No.: 20110793.A2E
DATE: SEPTEMBER 2013
FIG. 2-10

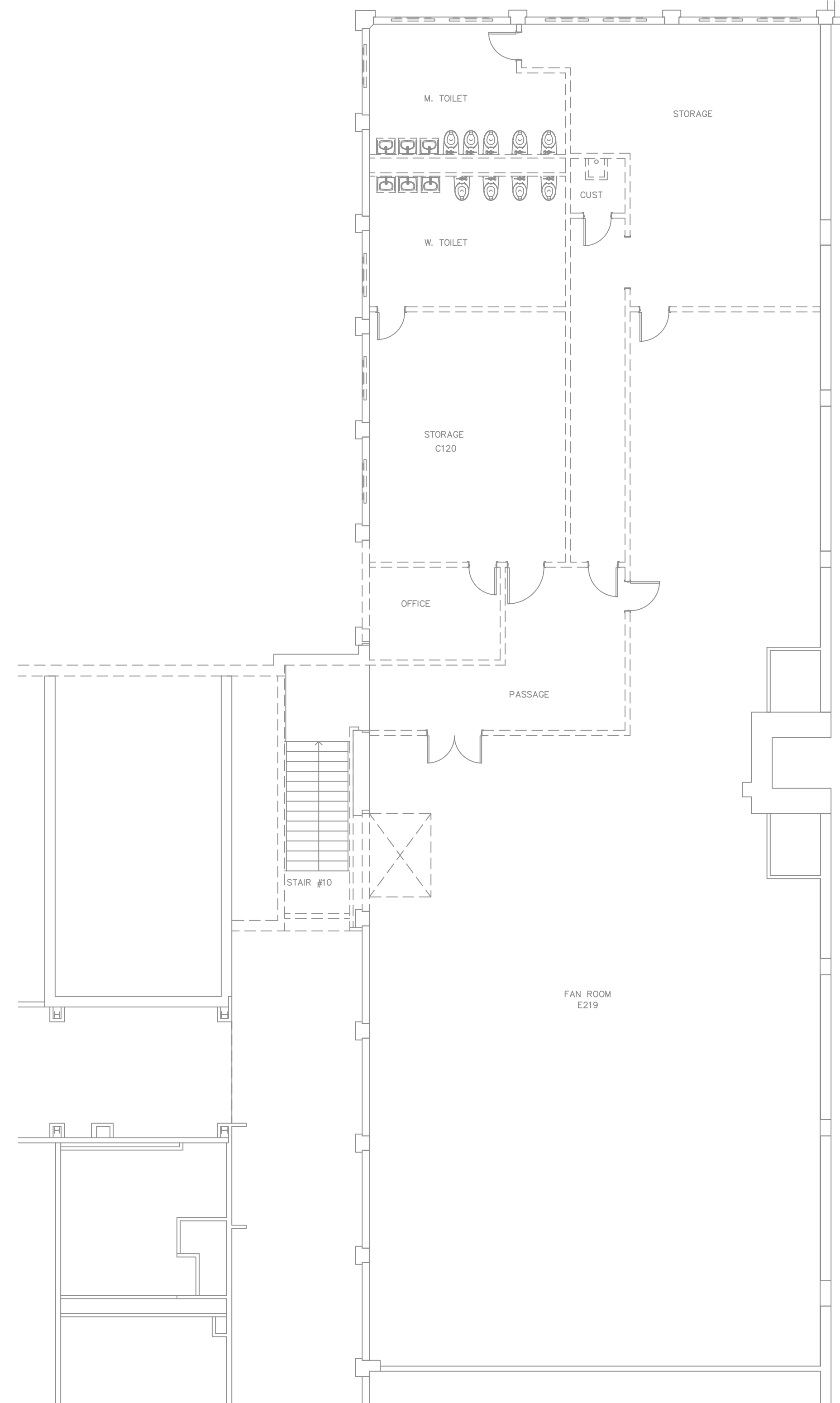
File Path: J:\DWG\20110793A2E\EnvironmentalPlan\20110793A2E_PCB05_CHS_UP_LEV.dwg Layout: FIG2-11 Plotted: Thu, September 05, 2013 3:35 PM User: stions
MS VIEW: LAYER STATE: Plotter: NONE CTB File: F0 STB



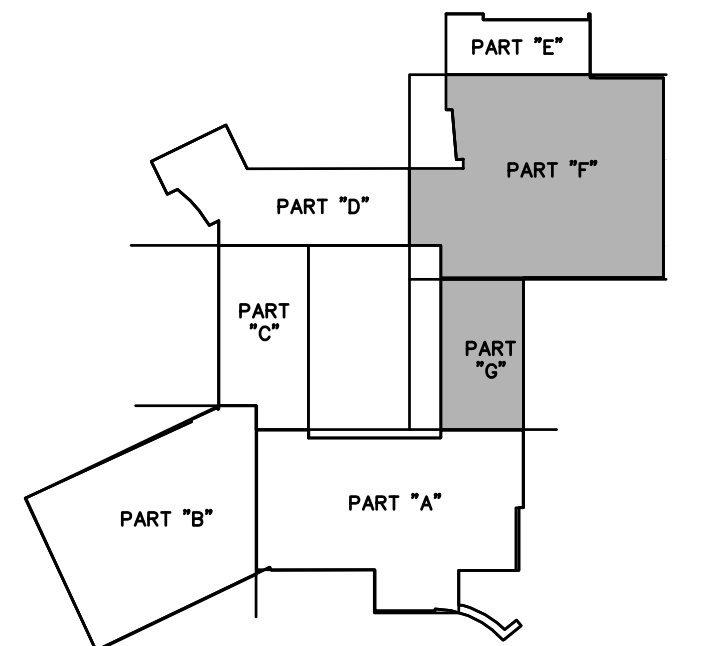
PCB SOURCE SAMPLING PLAN PART G - UPPER LEVEL
1/8" = 1'-0"
1
FIG. 2-11



PCB SOURCE SAMPLING PLAN PART F - UPPER LEVEL
1/8" = 1'-0"
2
FIG. 2-11



PCB SOURCE SAMPLING PLAN - MEZZANINE
1/8" = 1'-0"
3
FIG. 2-11



No.	DATE	DESCRIPTION	DESIGNER	REVIEWER
1.				

SEAL	SEAL

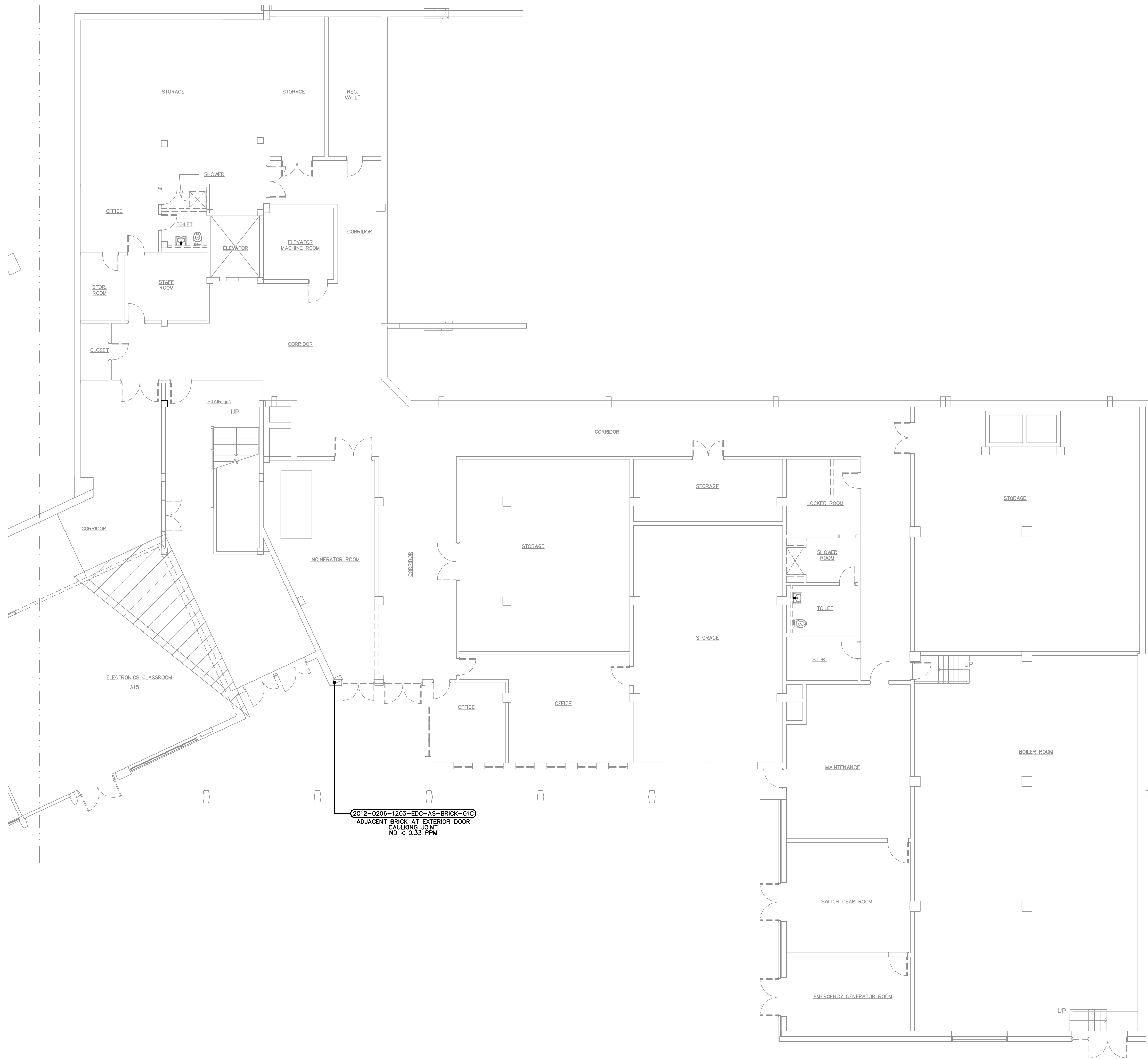
SCALE:	HORZ.: 1/8" = 1'-0"
DATUM:	VERT.: 1/8" = 1'-0"
GRAPHIC SCALE	1/8" 0 1/8"

FUSS & O'NEILL
EnviroScience, LLC
146 HARTFORD ROAD
MANCHESTER, CONNECTICUT 06040
860.646.2469
www.fuss-on.com

CITY OF BRIDGEPORT
UPPER LEVEL PCB SOURCE SAMPLING PLAN
PART G & F, MEZZANINE PART F
CENTRAL HIGH SCHOOL
1 LINCOLN BLVD.
BRIDGEPORT, CONNECTICUT

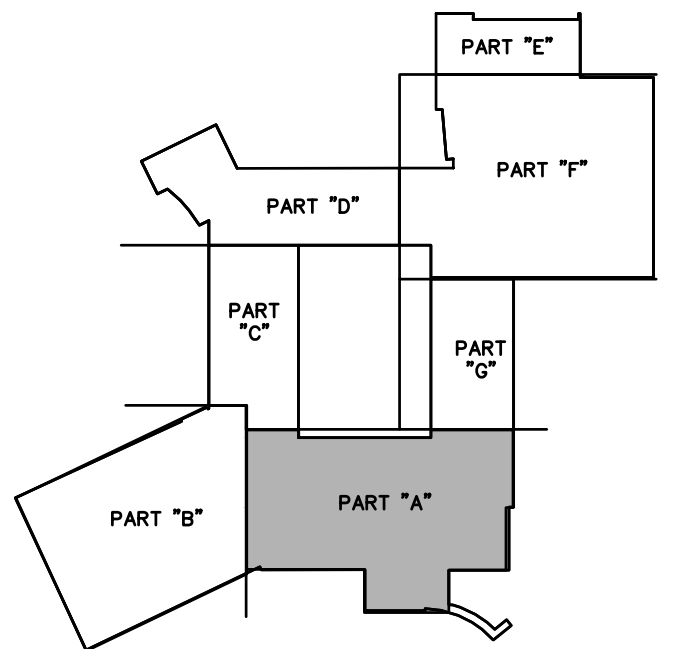
PROJ. No.: 20110793.A2E
DATE: SEPTEMBER 2013
FIG. 2-11

File Path: J:\DWG\20110793A2E\EnvironmentalPlan\20110793A2E_PCB06_CHS_LOW_LEV.dwg Layout: FIG3-1 Plotted: Tue, September 10, 2013 - 11:25 AM User: srons
MS VIEW: LAYER STATE: Plotter: NONE CTB File: FOSTB



 PCB ADJACENT SURFACE SAMPLING PART A - LOWER LEVEL
1/8" = 1'-0"

1
FIG.3-1



No.	DATE	DESCRIPTION	DESIGNER	REVIEWER

SEAL	SEAL

SCALE:	HORZ.: 1/8" = 1'-0"
	VERT.:
DATUM:	HORZ.:
	VERT.:
1/8" 0 1/8"	GRAPHIC SCALE



FUSS & O'NEILL
EnviroScience, LLC
146 HARTFORD ROAD
MANCHESTER, CONNECTICUT 06040
860.646.2469
www.fandoc.com

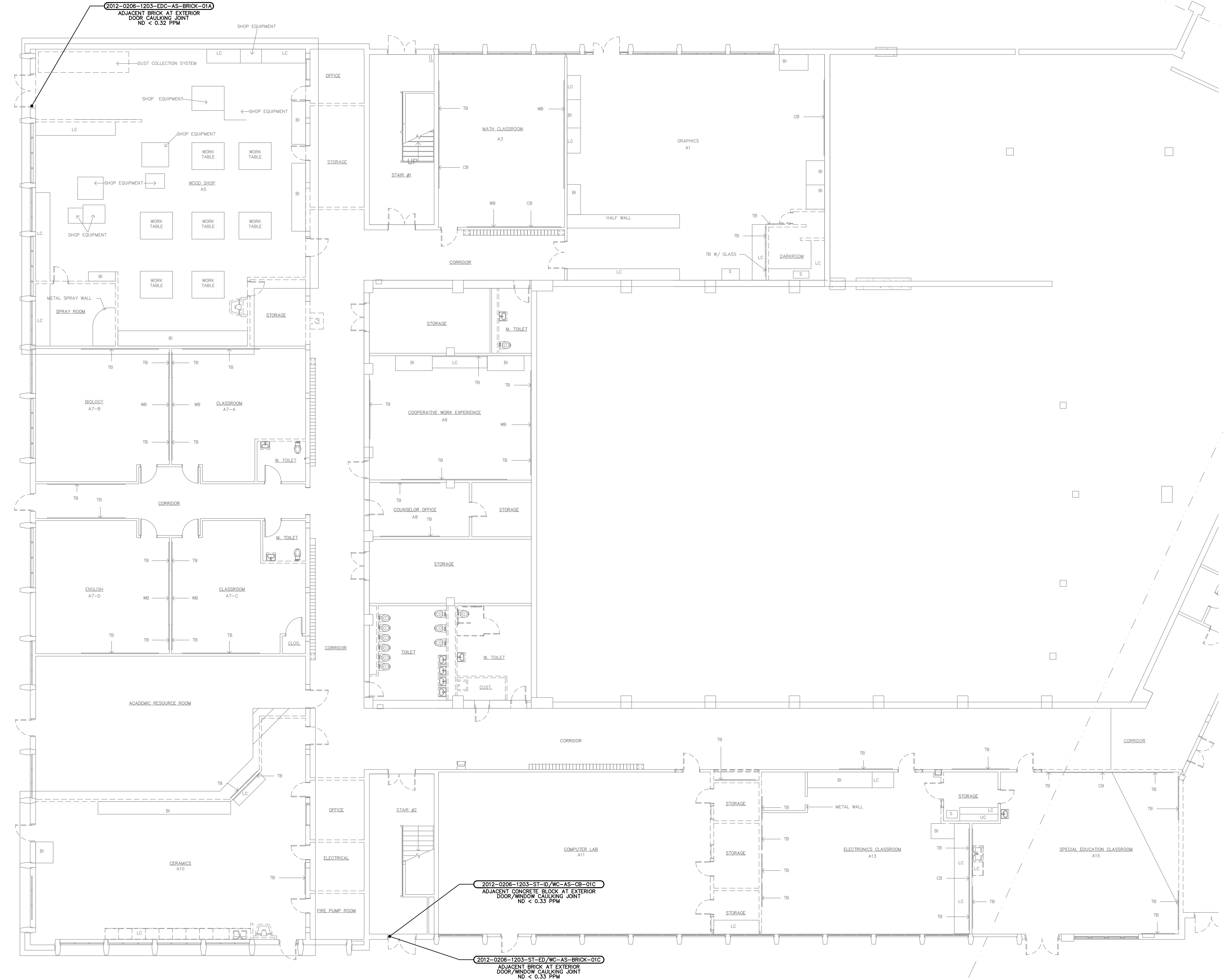
CITY OF BRIDGEPORT
LOWER LEVEL PCB ADJACENT SURFACE SAMPLING PLAN
PART A
CENTRAL HIGH SCHOOL

1 LINCOLN BLVD.

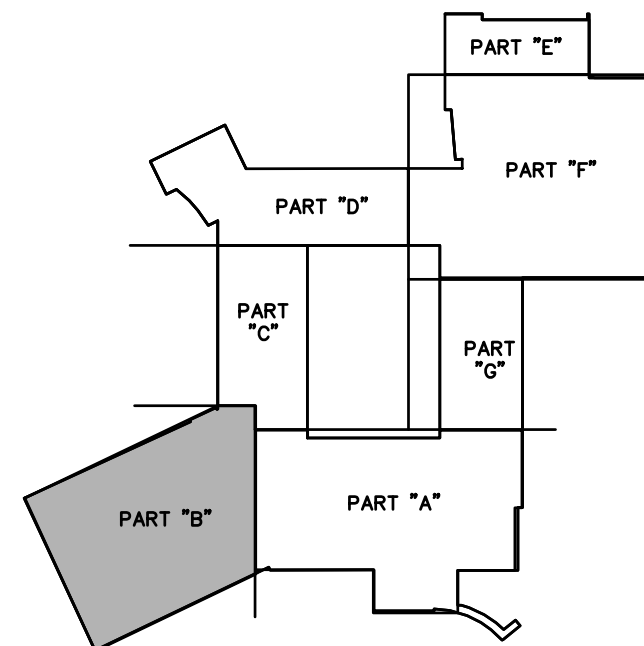
BRIDGEPORT, CONNECTICUT

PROJ. No.: 20110793.A2E DATE: SEPTEMBER 2013
FIG 3-1

File Path: J:\DWG\20110793\2\EnvironmentalPlan\20110793A2E_PCB06_CHS_LOW_LEV.dwg Layout: FIG2-2 Plotted: Tue, September 10, 2013 - 11:25 AM User: srons
MS VIEW: Plotter: NONE CTB File: F0 STB LAYER STATE:



PCB ADJACENT SURFACE SAMPLING PLAN PART B - LOWER LEVEL
1/8" = 1'-0" 1/8" = 1'-0"



No.	DATE	DESCRIPTION	DESIGNER	REVIEWER
1.				

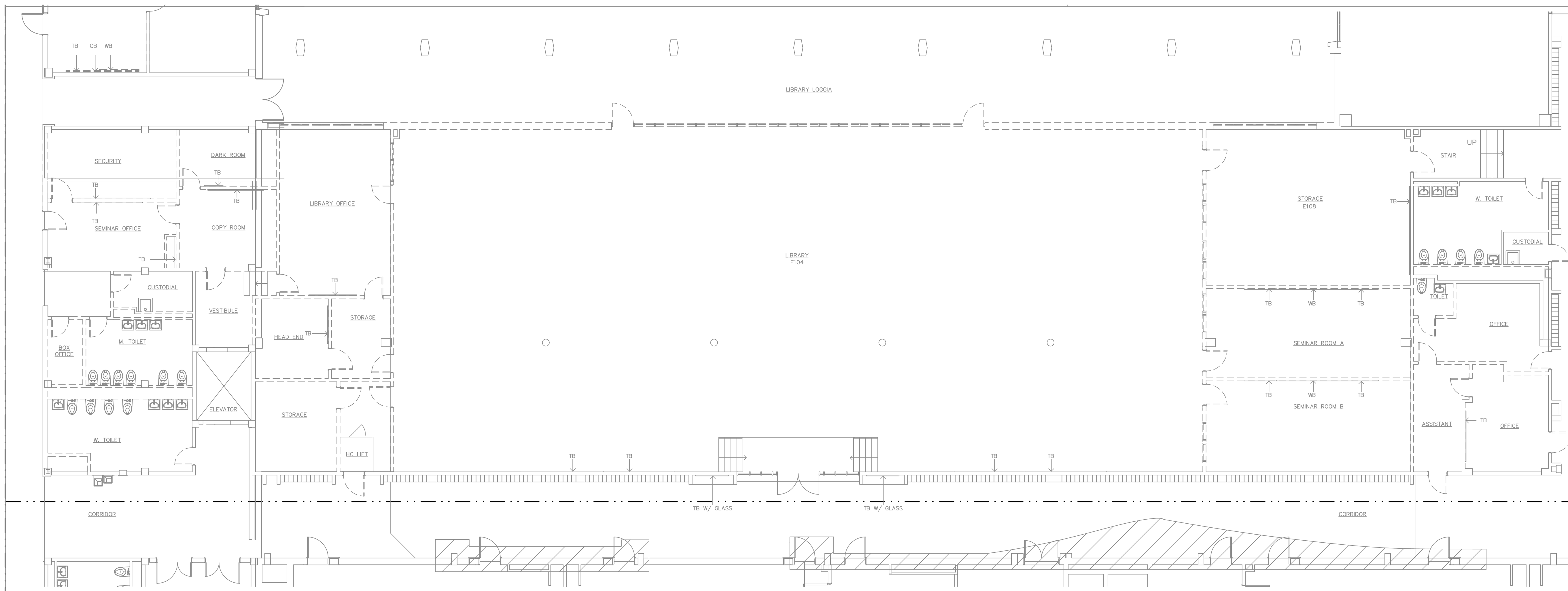
SEAL	SEAL

SCALE:	HORIZ.: 1/8" = 1'-0"
DATUM:	VERT.: 1/8" = 1'-0"
GRAPHIC SCALE	1/8" 0 1/8"

FUSS & O'NEILL
EnviroScience, LLC
146 HARTFORD ROAD
MANCHESTER, CONNECTICUT 06040
860.646.2469
www.fuss-on.com

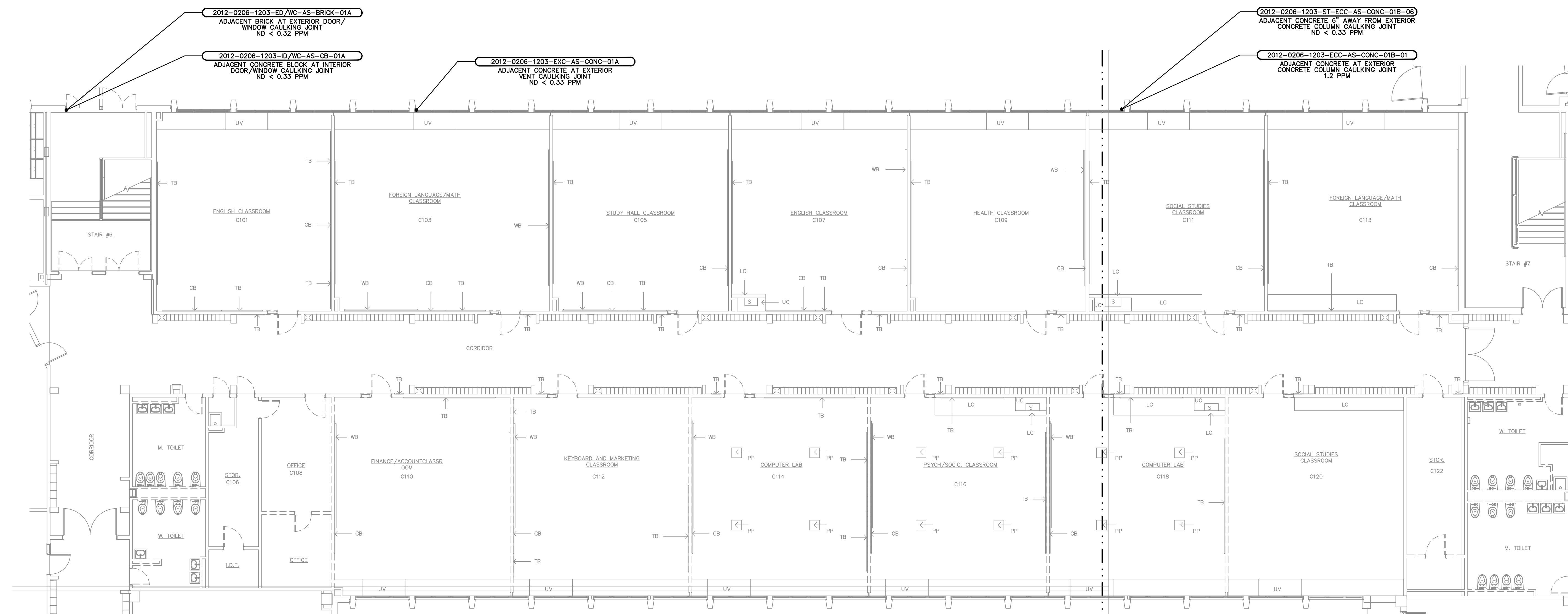
CITY OF BRIDGEPORT
LOWER LEVEL PCB ADJACENT SURFACE SAMPLING
PART B
CENTRAL HIGH SCHOOL
BRIDGEPORT, CONNECTICUT

PROJ. No.: 20110793.A2E
DATE: SEPTEMBER 2013
FIG. 3-2



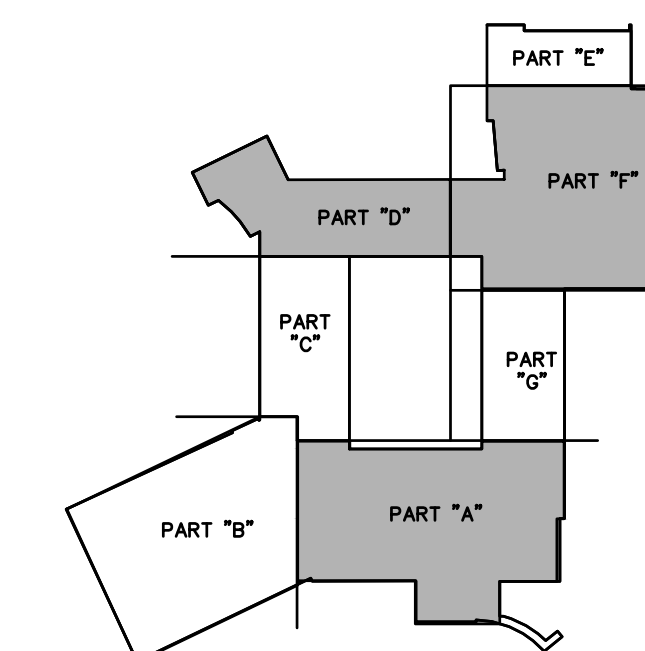
PCB ADJACENT SURFACE SAMPLING PLAN PART A - MAIN LEVEL
1/8" = 1'-0"

1
FIG. 3-3



PCB ADJACENT SURFACE SAMPLING PLAN PART D & F - MAIN LEVEL
1/8" = 1'-0"

2
FIG. 3-3



No.	DATE	DESCRIPTION	DESIGNER	REVIEWER
1.				

SEAL

SEAL

SCALE:	
HORIZ.: 1/8" = 1'-0"	
VERT.:	
DATUM:	
HORIZ.:	
VERT.:	
1/8" 0 1/8"	
GRAPHIC SCALE	



FUSS & O'NEILL
EnviroScience, LLC
146 HARTFORD ROAD
MANCHESTER, CONNECTICUT 06040
860.646.2469
www.fuss-on.com

CITY OF BRIDGEPORT
MAIN LEVEL PCB ADJACENT SURFACE SAMPLING PLAN
PART A, D, & F
CENTRAL HIGH SCHOOL

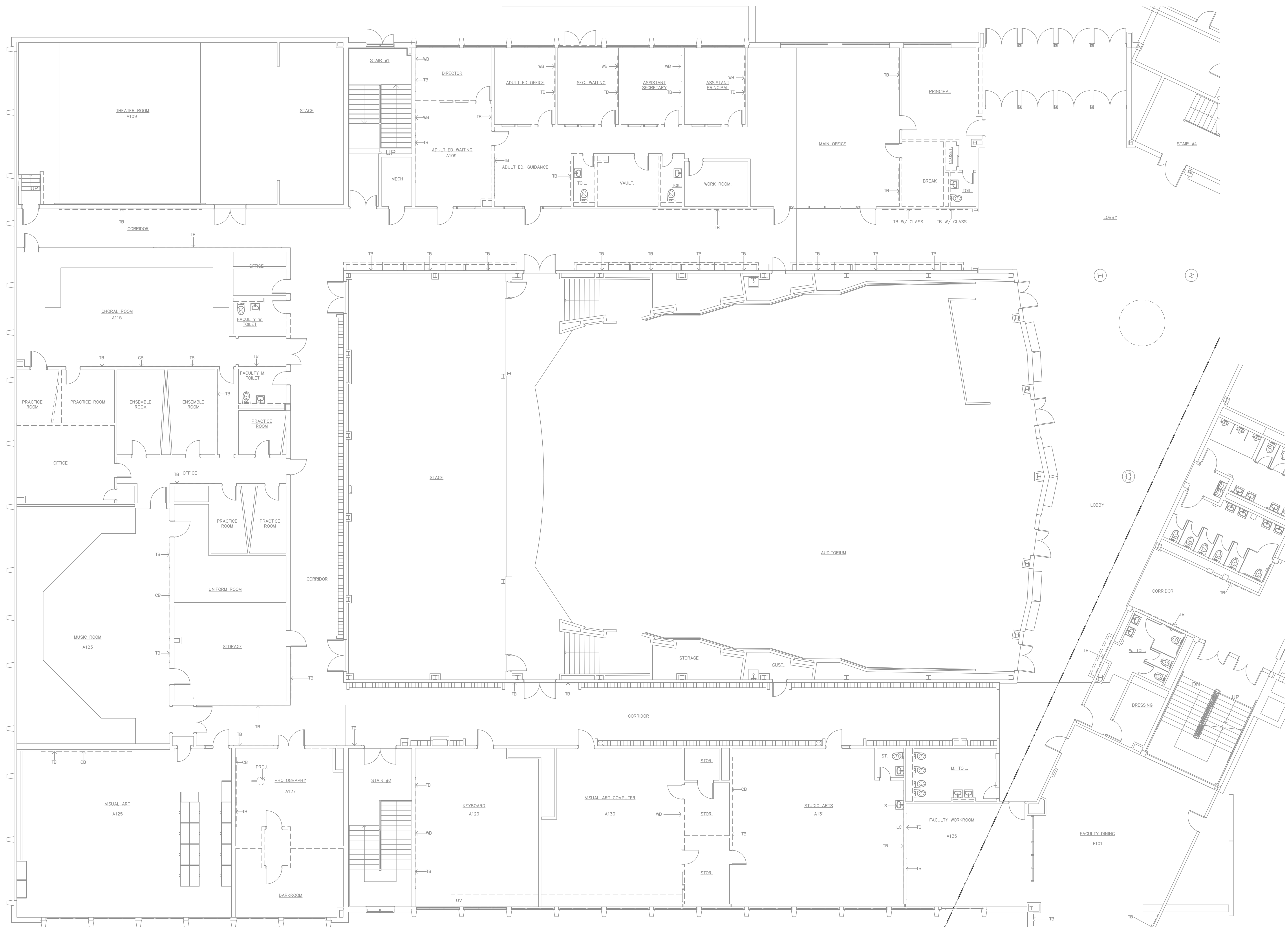
1 LINCOLN BLVD.

BRIDGEPORT, CONNECTICUT

PROJ. No.: 20110793.A2E
DATE: SEPTEMBER 2013

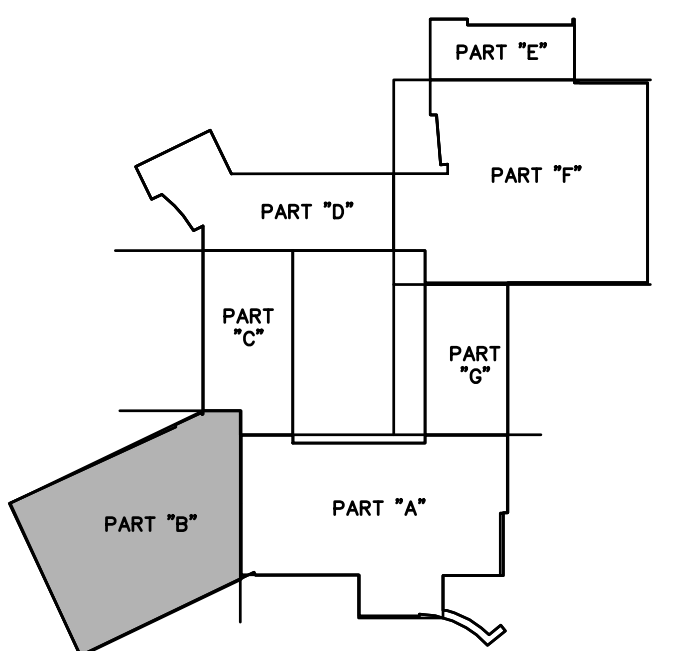
FIG. 3-3

File Path: J:\DWG\20110793A2E\EnvironmentalPlan\20110793A2E_PCB07_CHS_MAIN.LEV.dwg Layout: FIG3-4 Plotted: Tue, September 10, 2013 - 11:26 AM User: shions
MS VIEW: Plotter: DWG TO PDF PC3 CTB File: FO 2008 MONO.CTB LAYER STATE:



PCB ADJACENT SURFACE SAMPLING PLAN PART B -- MAIN LEVEL
1/8" = 1'-0"

1
FIG. 3-4



No.	DATE	DESCRIPTION	DESIGNER	REVIEWER
1.				

SEAL

SEAL

SCALE:
HORZ.: 1/8" = 1'-0"
VERT.:
DATUM:
HORZ.:
VERT.:
1/8" 0 1/8"
GRAPHIC SCALE



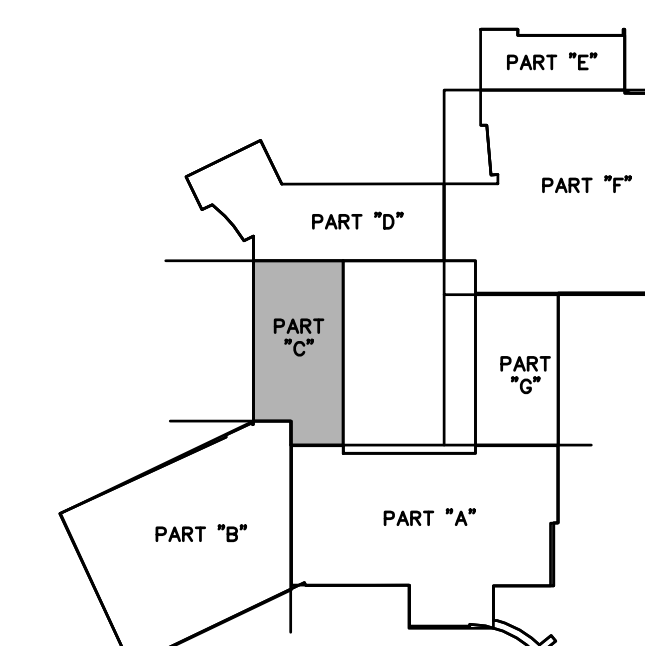
FUSS & O'NEILL
EnviroScience, LLC
146 HARTFORD ROAD
MANCHESTER, CONNECTICUT 06040
860.646.2469
www.fussn.com

CITY OF BRIDGEPORT
MAIN LEVEL PCB ADJACENT SURFACE SAMPLING PLAN
PART B
CENTRAL HIGH SCHOOL

1 LINCOLN BLVD.



BRIDGEPORT, CONNECTICUT

PROJ. No.: 20110793.A2E
DATE: SEPTEMBER 2013
FIG. 3-4

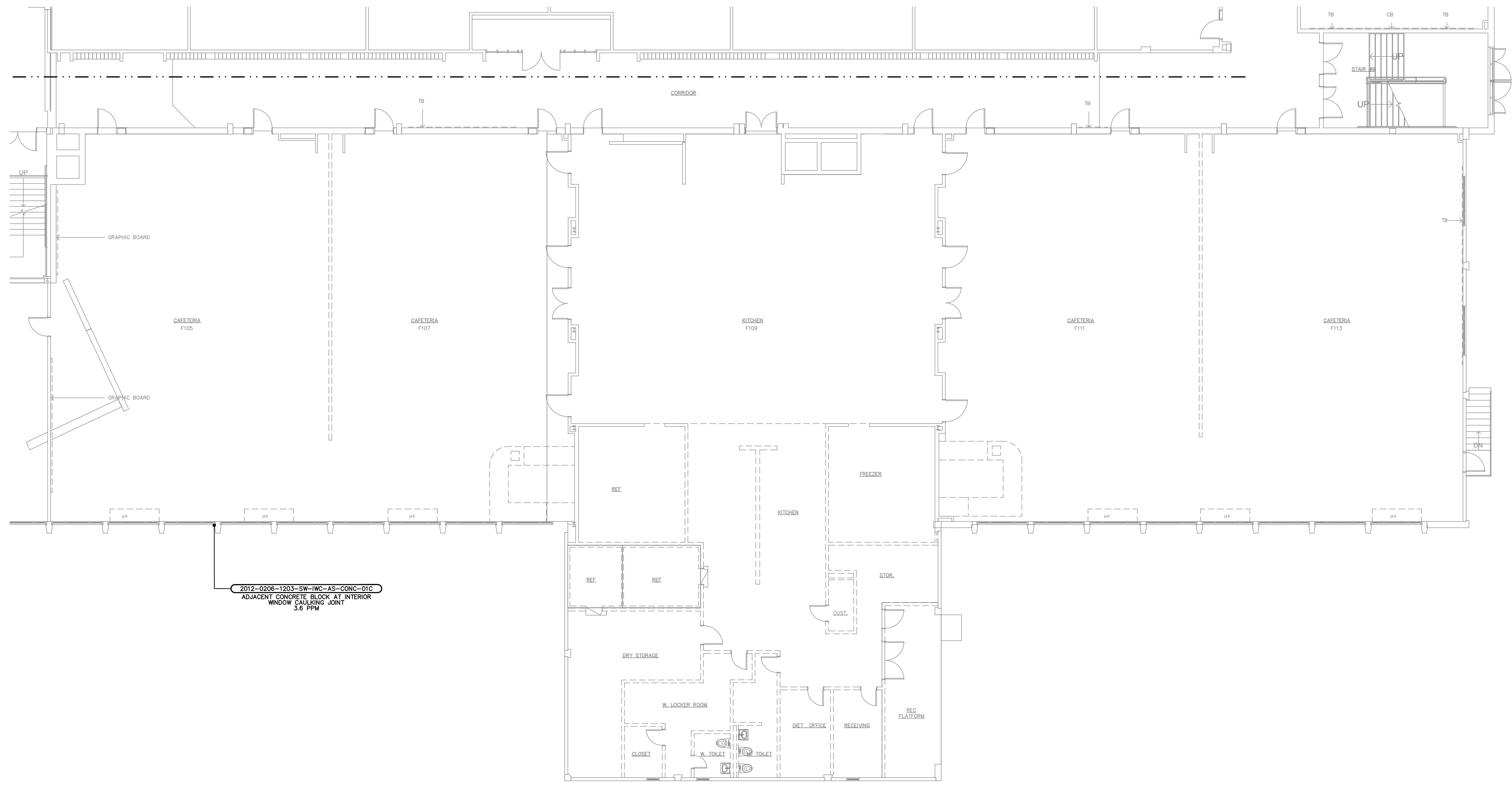


PROJ. No.: 20110793.A2E
DATE: SEPTEMBER 2013

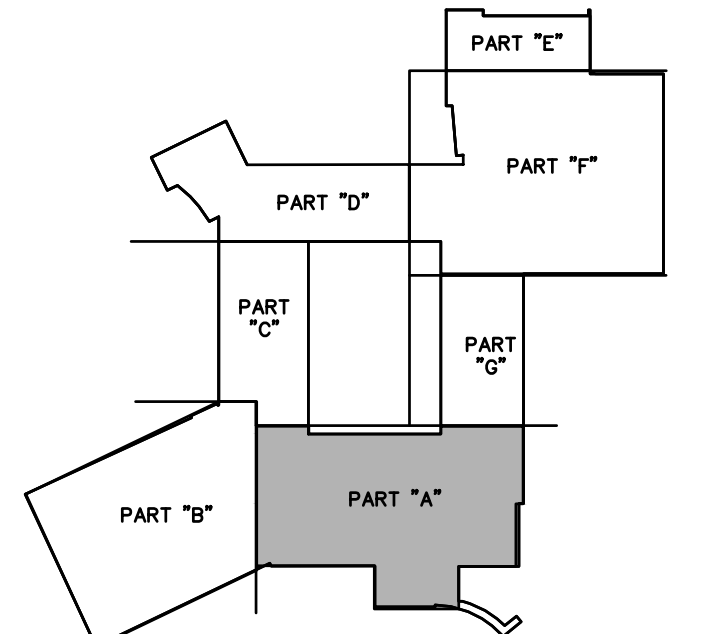


					SEAL	SEAL		SCALE: HORZ.: 1/8" = 1'-0" VERT.: DATUM: HORZ.: VERT.:  GRAPHIC SCALE	 FUSS&O'NEILL EnviroScience, LLC 146 HARTFORD ROAD MANCHESTER, CONNECTICUT 06040 860.646.2469 www.fando.com	CITY OF BRIDGEPORT MAIN LEVEL PCB ADJACENT SURFACE SAMPLING PLAN PART F CENTRAL HIGH SCHOOL	PROJ. No.: 20110793.A2E DATE: SEPTEMBER 2013
1.											
No.	DATE	DESCRIPTION	DESIGNER	REVIEWER						1 LINCOLN BLVD.	BRIDGEPORT, CONNECTICUT

File Path: J:\DWG\20110793\A2E\EnvironmentalPlan\20110793A2E_PCB07_CHS_MAIN.LEV.dwg Layout: FIG.3-7 Plotted: Tue, September 10, 2013 - 11:28 AM User: slions
MS VIEW: LAYER STATE: Plotter: DWG TO PDF PC3 CTB File: FO 2008 MONO.CTB



 PCB ADJACENT SURFACE SAMPLING PLAN – KITCHEN & CAFETERIA
1/8" = 1'-0" 



No.	DATE	DESCRIPTION	DESIGNER	REVIEWER
1.				

SEAL

SEAL

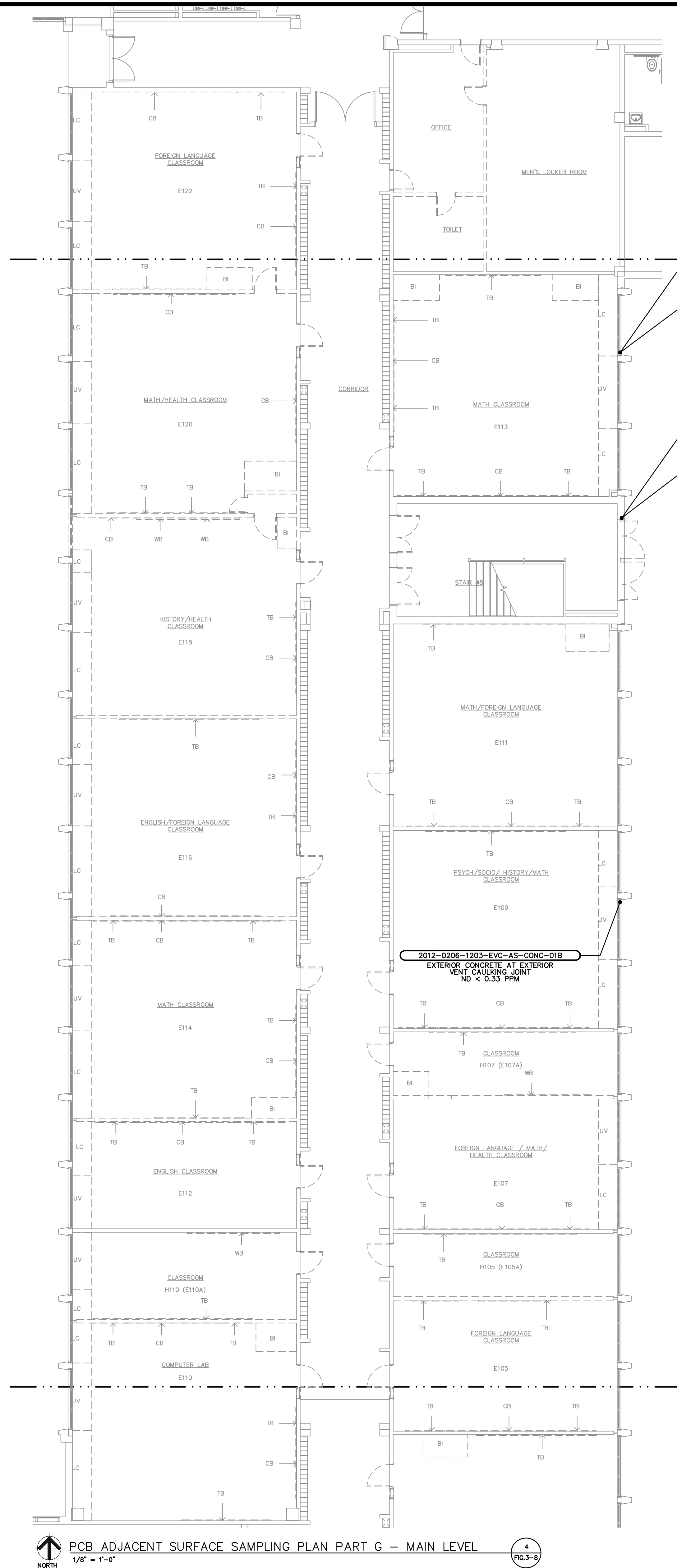
SCALE:
HORZ.: 1/8" = 1'-0"
VERT.:
DATUM:
HORZ.:
VERT.:
1/8" 0 1/8"
GRAPHIC SCALE

 **FUSS & O'NEILL**
EnviroScience, LLC
146 HARTFORD ROAD
MANCHESTER, CONNECTICUT 06040
860.646.2469
www.fandob.com

CITY OF BRIDGEPORT
MAIN LEVEL PCB ADJACENT SURFACE SAMPLING PLAN
KITCHEN & CAFETERIA
CENTRAL HIGH SCHOOL
BRIDGEPORT, CONNECTICUT

PROJ. No.: 20110793.A2E
DATE: SEPTEMBER 2013
FIG. 3-7

File Path: J:\DWG\20110793\2\EnvironmentalPlan\20110793A2E_PCB07_CHS_MAIN.LEV.dwg Layout: FIG-3-8 Plotted: Tue, September 10, 2013 - 11:28 AM User: slions
MS VIEW: Plotter: DWG TO PDF PC3 CTB File: FO 2008 MONO.CTB LAYER STATE:



PCB ADJACENT SURFACE SAMPLING PLAN PART G — MAIN LEVEL
1/8" = 1'-0"

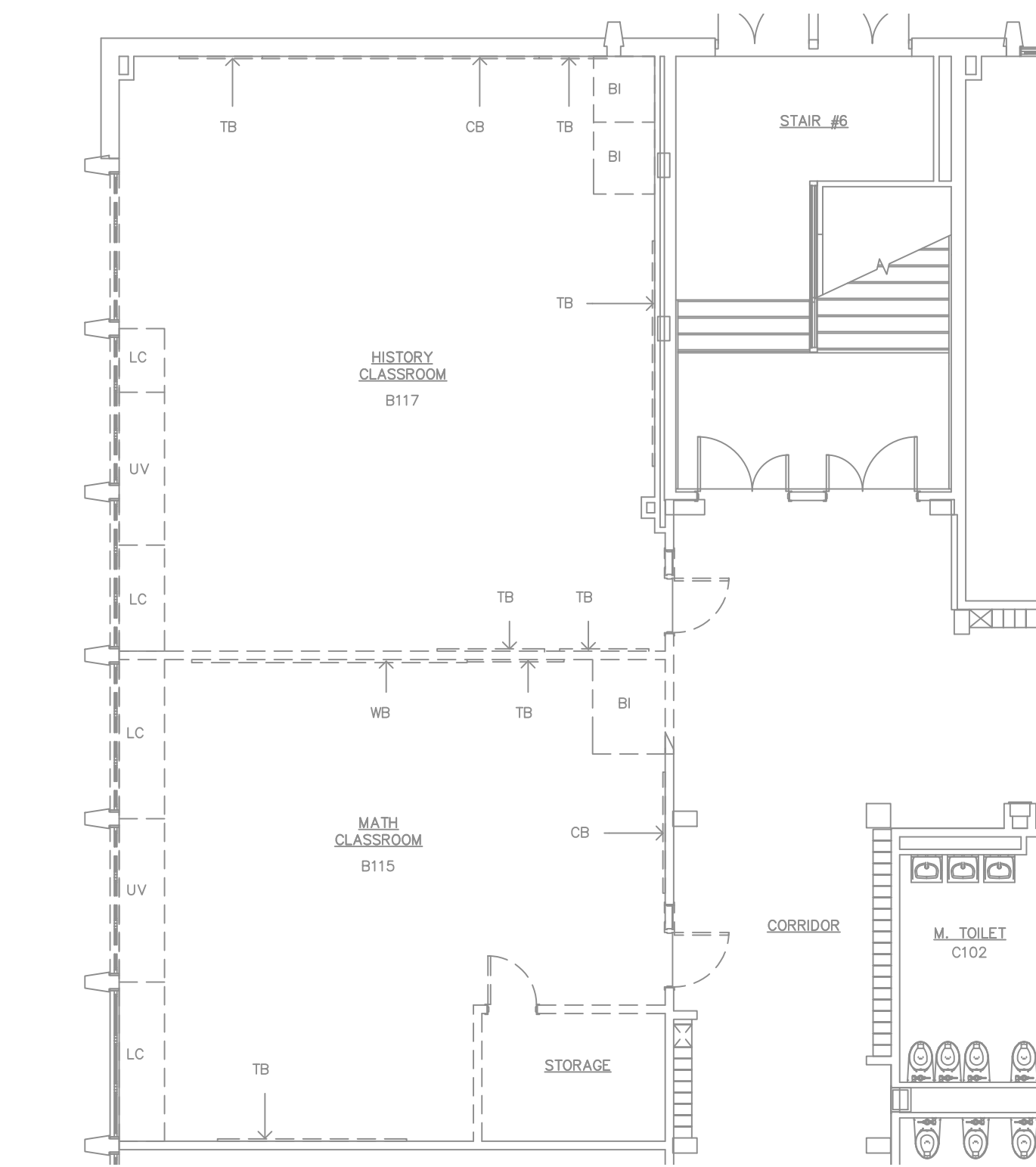
2012-0206-1203-ECC-AS-CONC-01C-06
ADJACENT CONCRETE 6' AWAY FROM EXTERIOR
COLUMN CAULKING JOINT
ND < 0.33 PPM

2012-0206-1203-ECC-AS-CONC-01C-01
ADJACENT CONCRETE AT EXTERIOR
COLUMN CAULKING JOINT
1.9 PPM

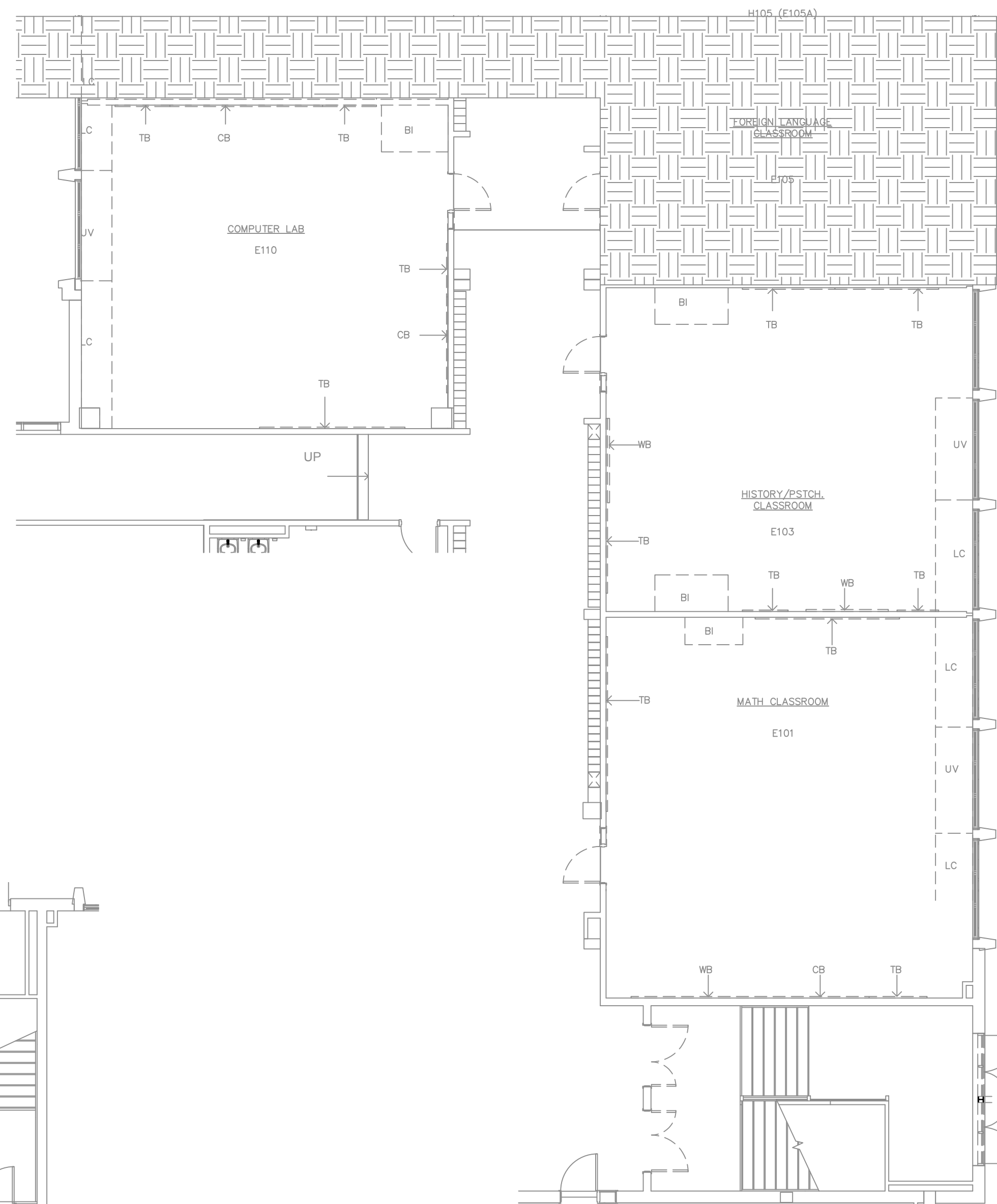
2012-0206-1203-ST-ED/WC-AS-BRICK-01B
ADJACENT BRICK AT EXTERIOR
DOOR/WINDOW CAULKING JOINT
ND < 0.33 PPM

2012-0206-1203-ST-ED/WC-AS-CB-01B
ADJACENT CONCRETE BLOCK AT INTERIOR
DOOR/WINDOW CAULKING JOINT
ND < 0.33 PPM

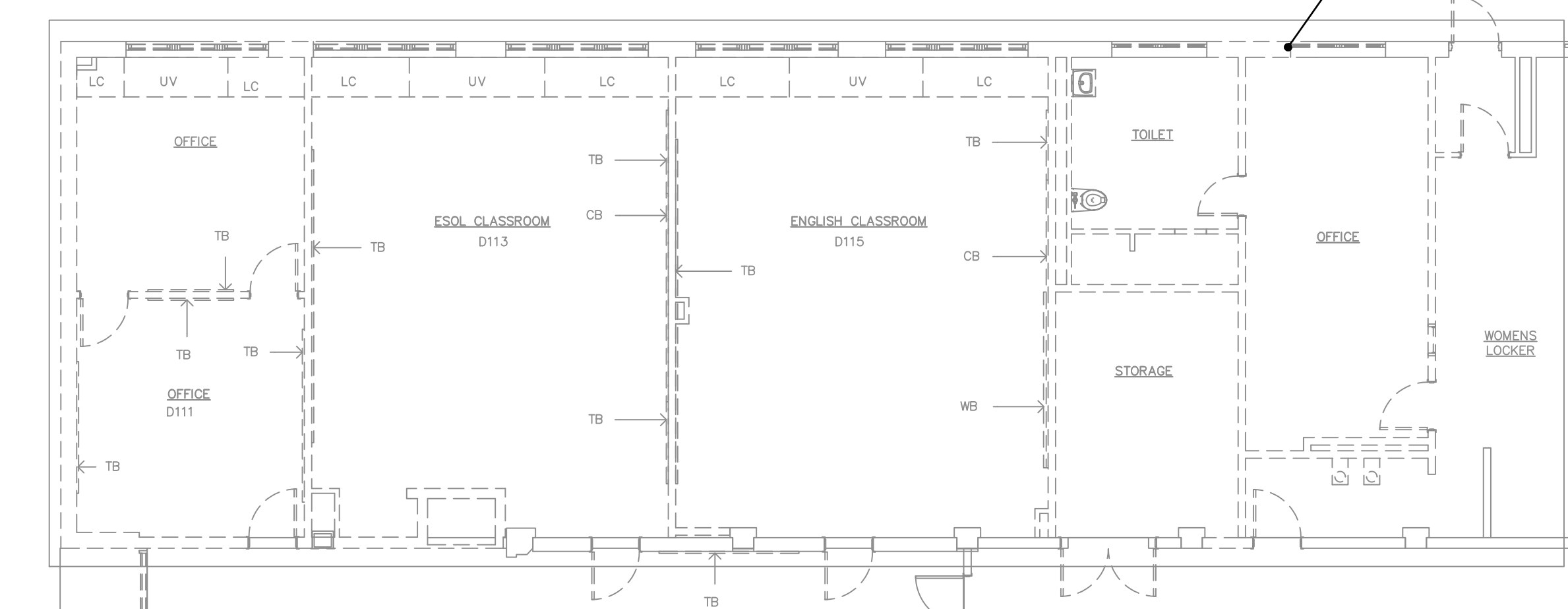
2012-0206-1203-EVC-AS-CONC-01B
EXTERIOR CONCRETE AT EXTERIOR
VENT CAULKING JOINT
ND < 0.33 PPM



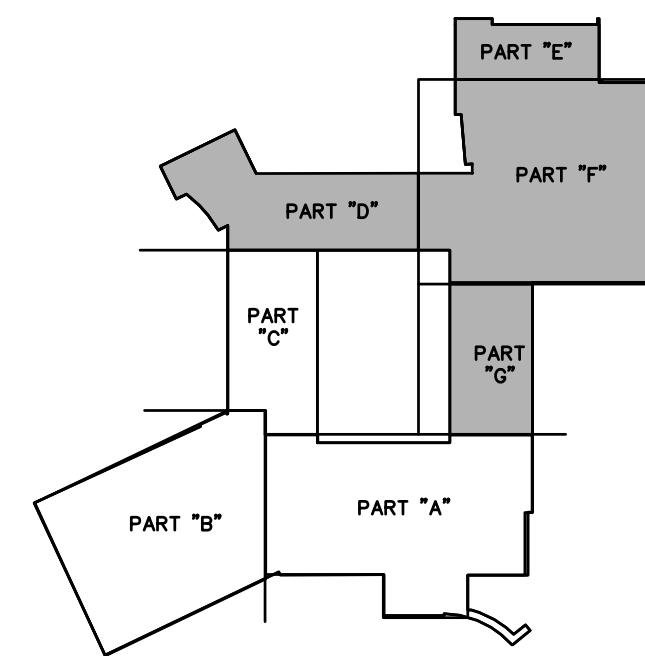
PCB ADJACENT SURFACE SAMPLING PLAN — MEDIA CENTER
1/8" = 1'-0"



PCB ADJACENT SURFACE SAMPLING PLAN PART G.2 — MAIN LEVEL
1/8" = 1'-0"



PCB ADJACENT SURFACE SAMPLING PLAN — AUX GYM
1/8" = 1'-0"



No.	DATE	DESCRIPTION	DESIGNER	REVIEWER
1.				

SEAL	SEAL

SCALE:	HORIZ.: 1/8" = 1'-0"
	VERT.: 1/8" = 1'-0"
DATUM:	HORIZ.: 1/8" = 1'-0"
	VERT.: 1/8" = 1'-0"
	GRAPHIC SCALE



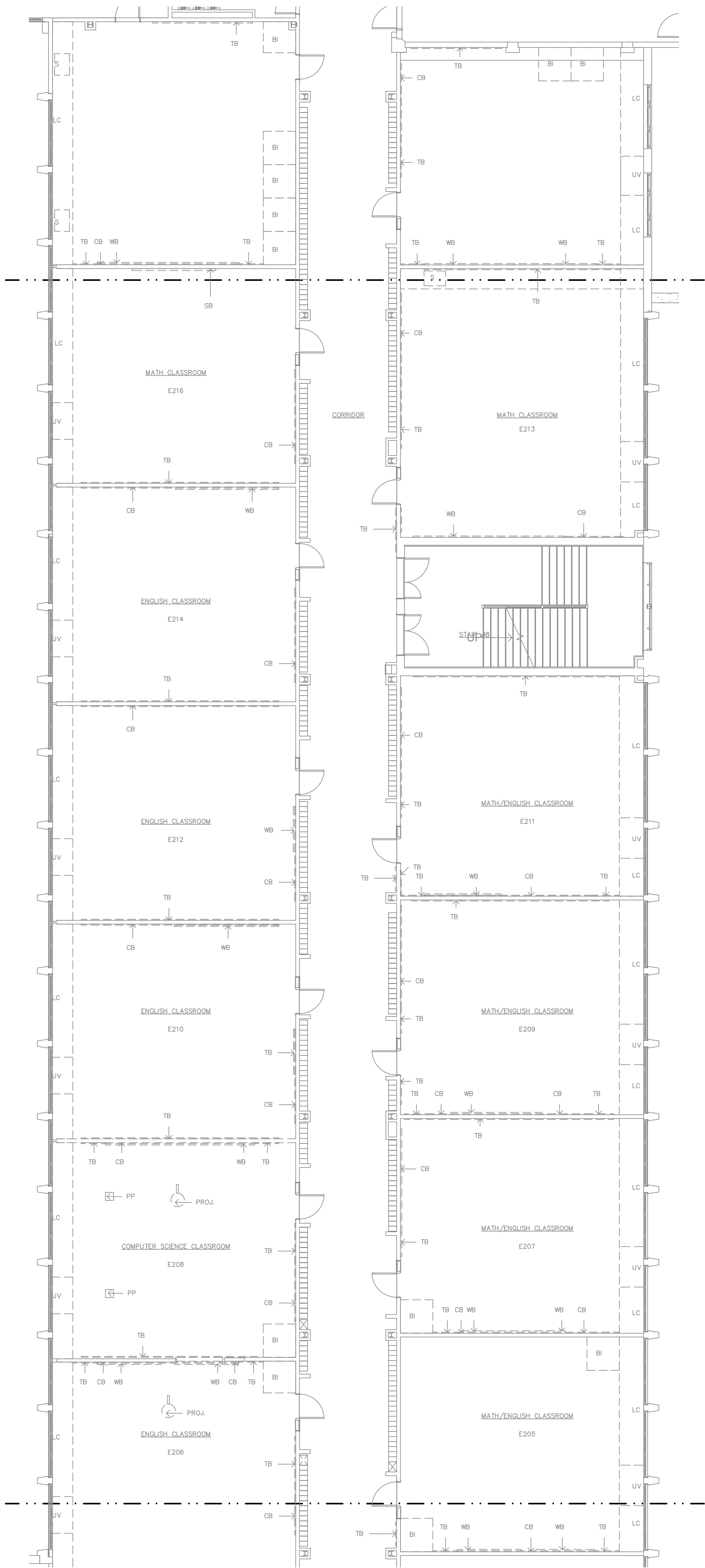
FUSS & O'NEILL
EnviroScience, LLC
146 HARTFORD ROAD
MANCHESTER, CONNECTICUT 06040
860.646.2469
www.fandosh.com

CITY OF BRIDGEPORT
MAIN LEVEL PCB ADJACENT SURFACE SAMPLING PLAN
CENTRAL HIGH SCHOOL
BRIDGEPORT, CONNECTICUT

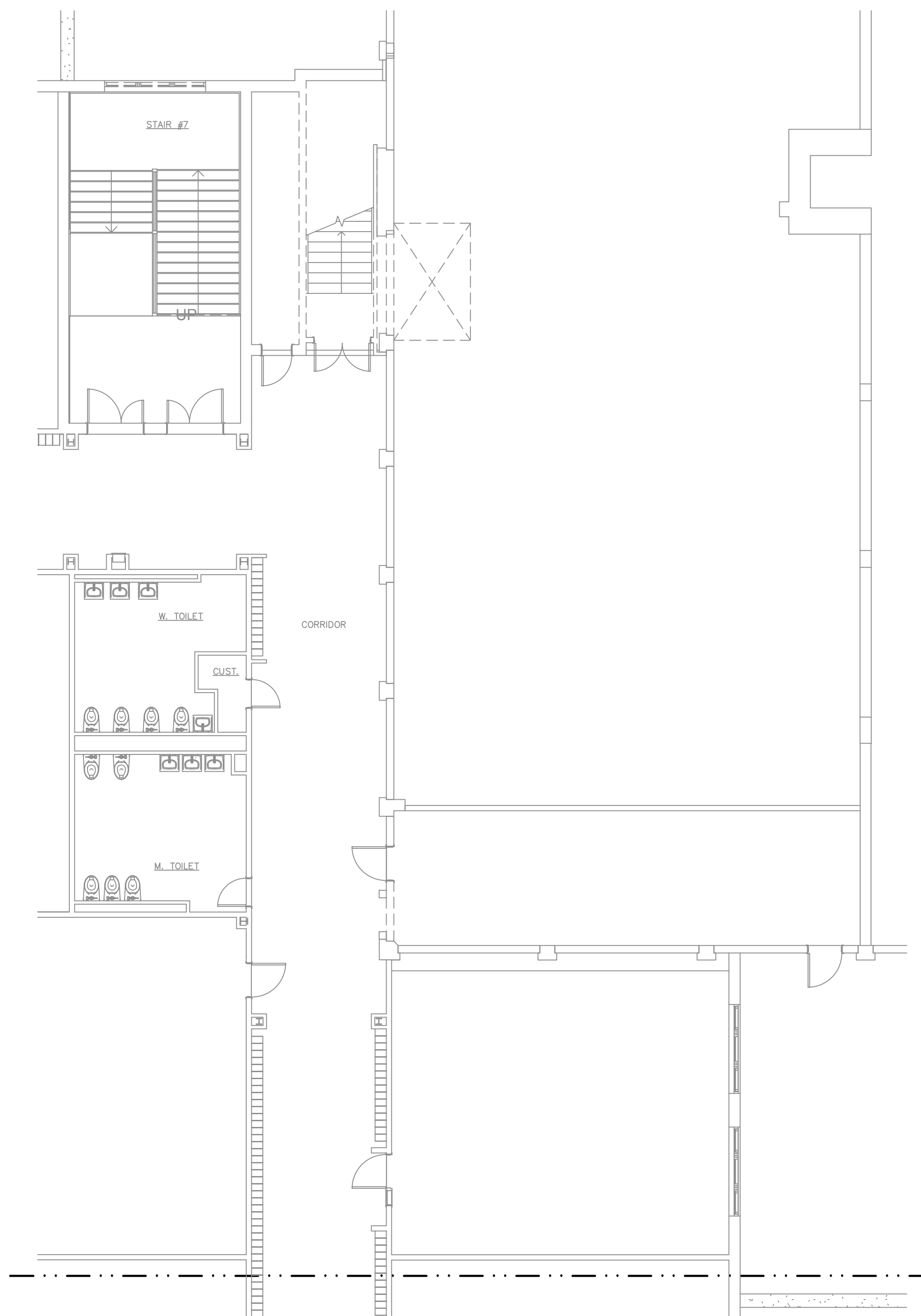
PROJ. No.: 20110793.A2E
DATE: SEPTEMBER 2013
FIG. 3-8

File Path: J:\DWG\2011\0793\A2E\EnvironmentalPlan\20110793A2E_PCB08_CHS_UP_LEV.dwg Layout: FIG3-11 Plotted: Tue, September 10, 2013 11:31 AM User: stions
MS VIEW: Plotter: DWG TO PDF PC3 CTB File: FO 2008 MONO.CTB

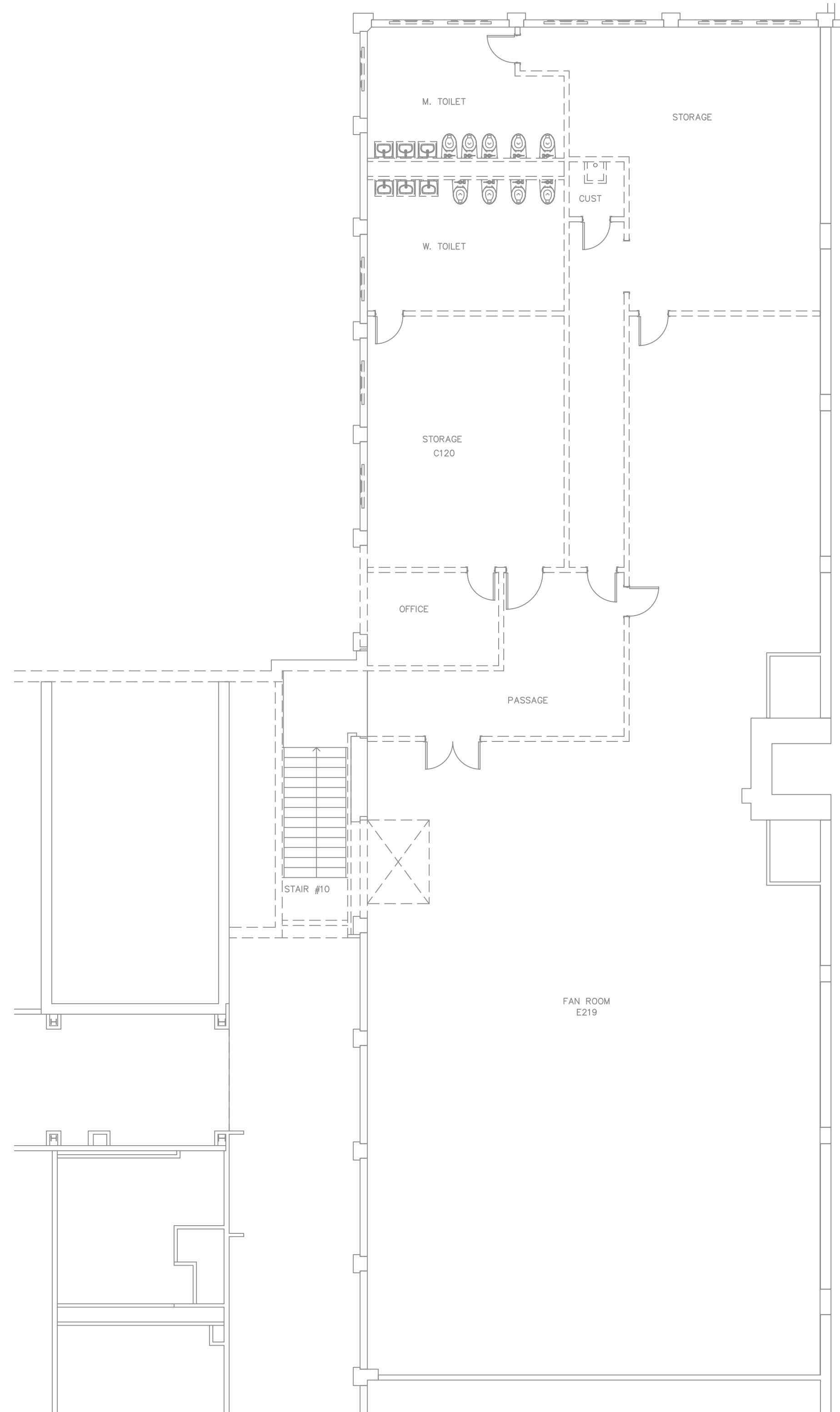
LAYER STATE:



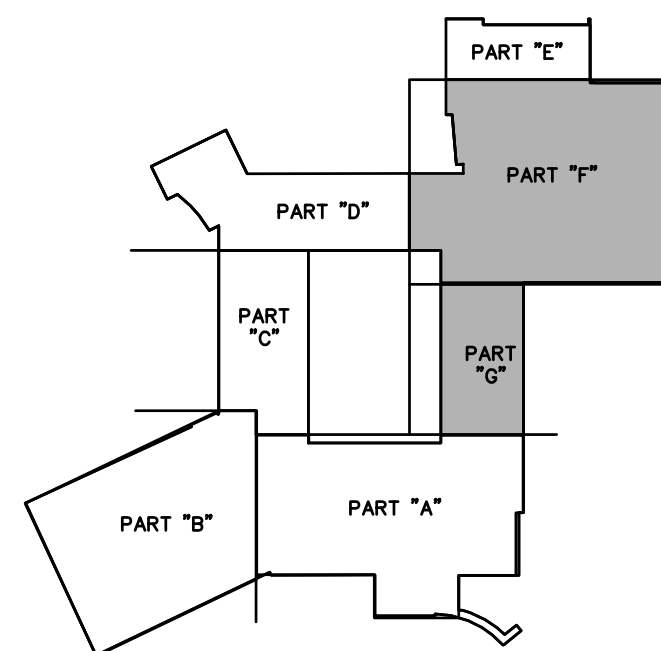
PCB ADJACENT SURFACE SAMPLING PLAN PART G — UPPER LEVEL 1
1/8" = 1'-0"



PCB ADJACENT SURFACE SAMPLING PLAN PART F — UPPER LEVEL 2
1/8" = 1'-0"



PCB ADJACENT SURFACE SAMPLING PLAN — MEZZANINE 2
1/8" = 1'-0"



No.	DATE	DESCRIPTION	DESIGNER	REVIEWER
1.				

SEAL	SEAL

SCALE:
HORZ.: 1/8" = 1'-0"
VERT.:
DATUM:
HORZ.:
VERT.:
1/8" 0 1/8"
GRAPHIC SCALE



FUSS & O'NEILL
EnviroScience, LLC
146 HARTFORD ROAD
MANCHESTER, CONNECTICUT 06040
860.646.2469
www.fuss-on.com

CITY OF BRIDGEPORT
UPPER LEVEL PCB ADJACENT SURFACE SAMPLING PLAN
PART G & F, MEZZANINE PART F
CENTRAL HIGH SCHOOL

1 LINCOLN BLVD.


BRIDGEPORT, CONNECTICUT

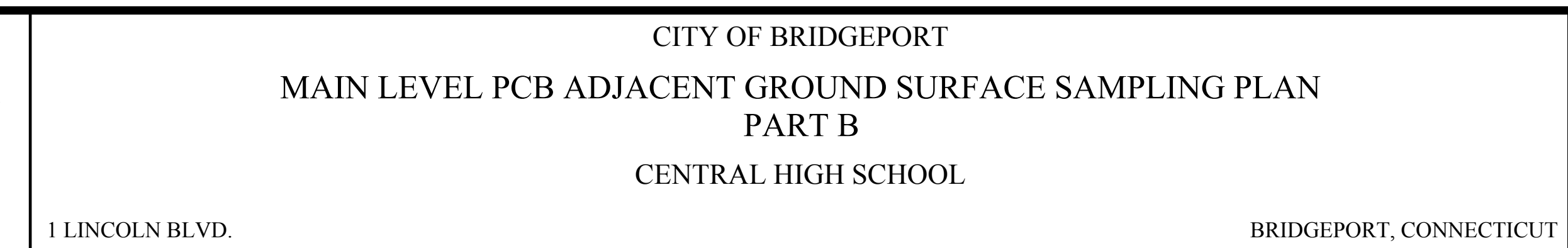
PROJ. No.: 20110793.A2E DATE: SEPTEMBER 2013
FIG. 3-11

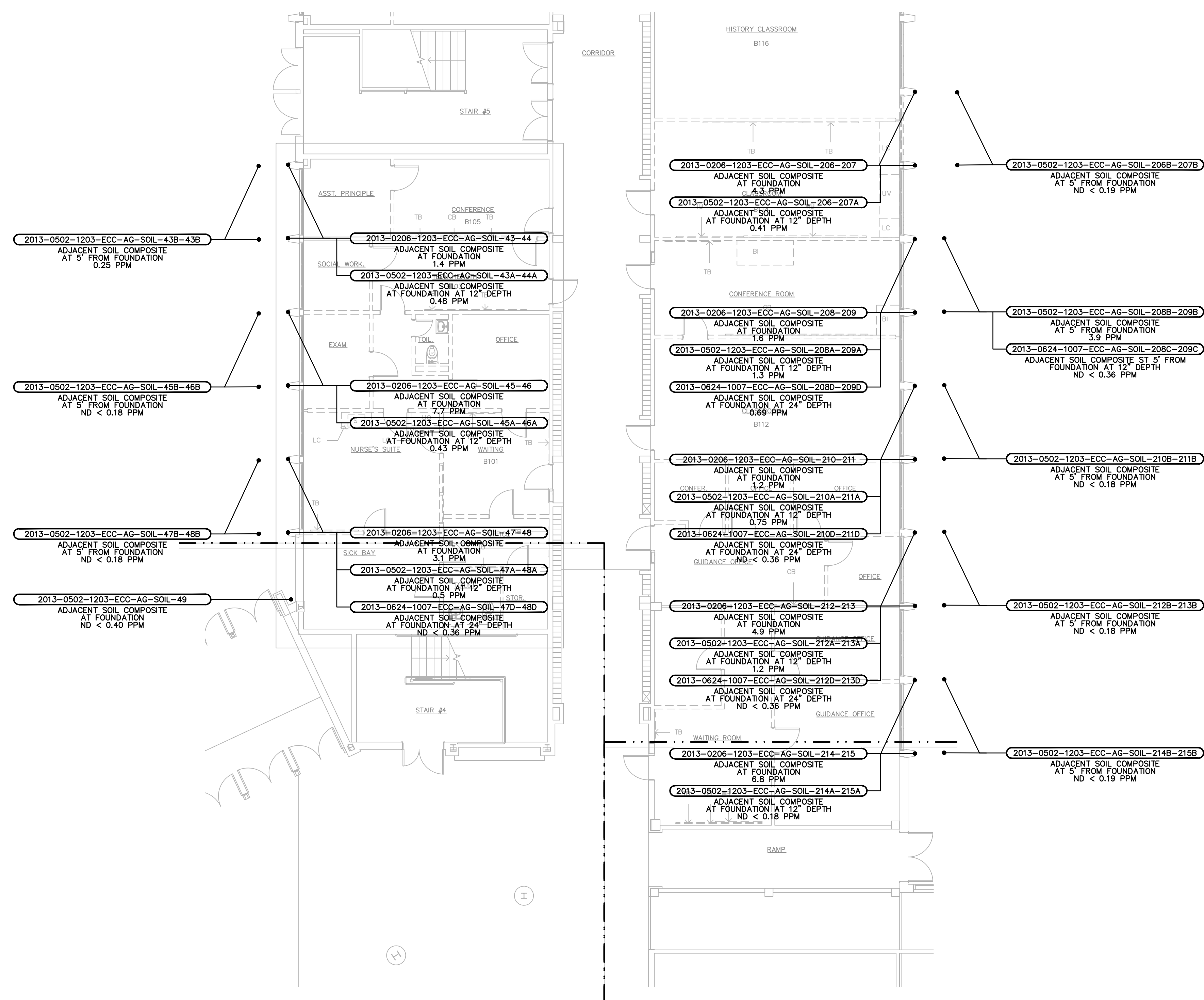
FIG. 4-1



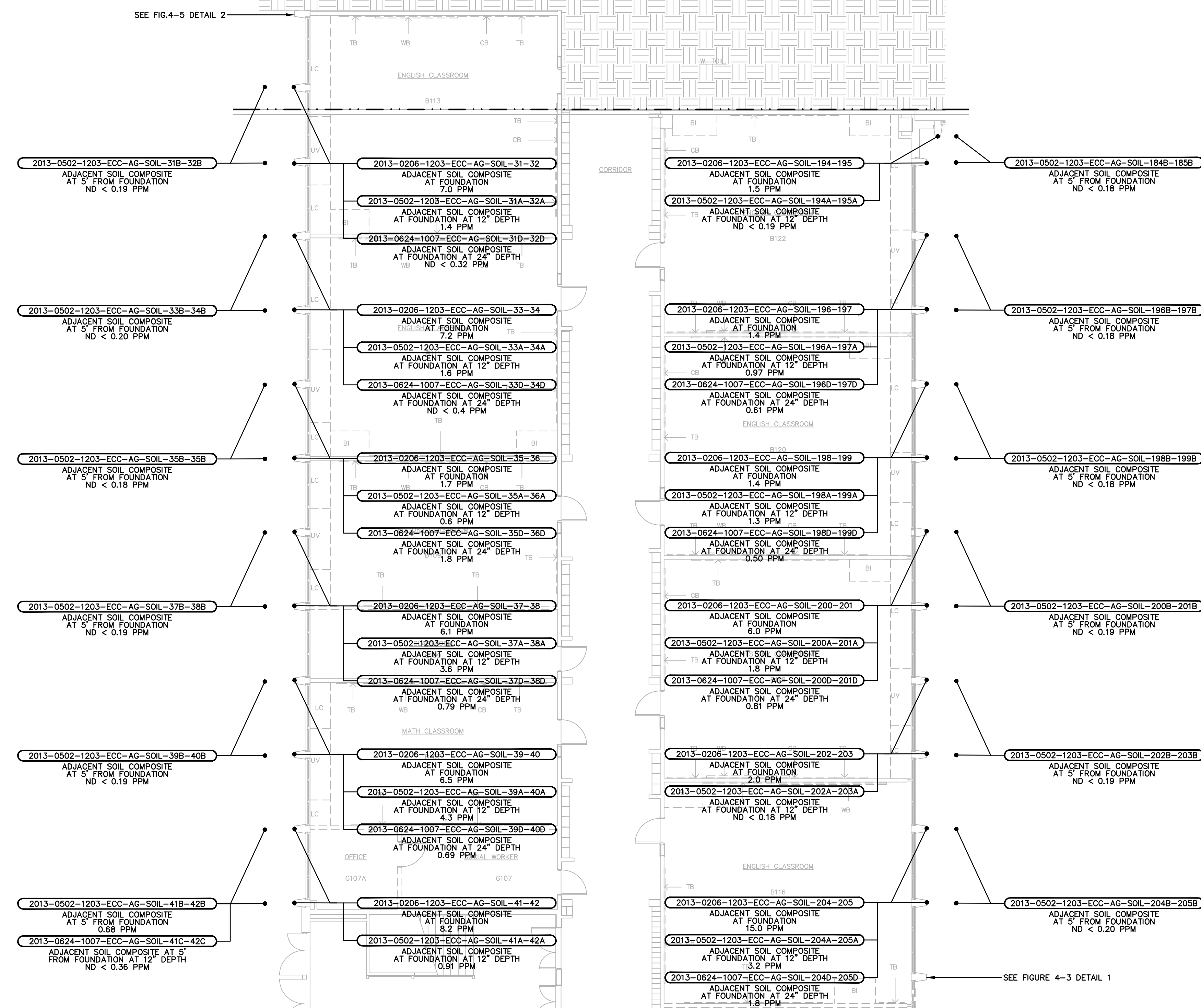
SEAL	SEAL
------	------

SCALE:	HORZ.: 1/8" = 1'-0"
	VERT.:
DATUM:	HORZ.:
	VERT.:
	
GRAPHIC SCALE	

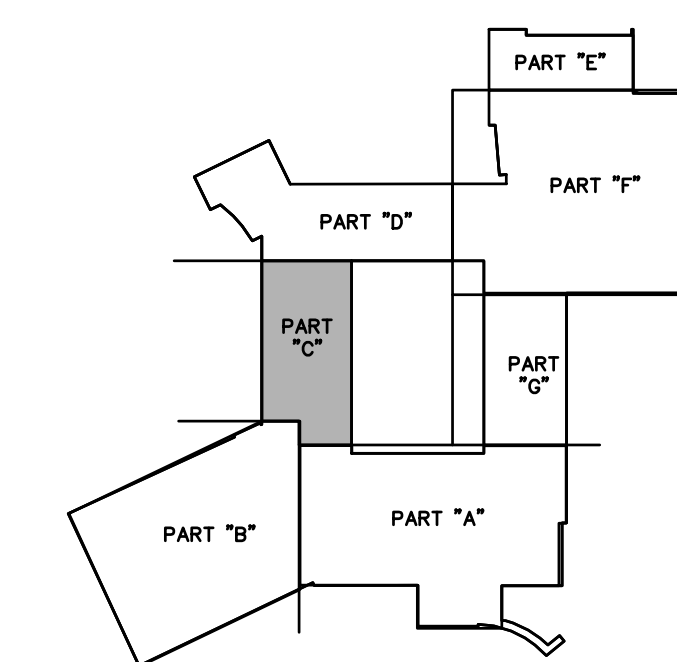




PCB ADJACENT GROUND SURFACE SAMPLING PLAN PART C.1 – MAIN LEVEL
1/8" = 1'-0" 1
FIG. 4-




PCB ADJACENT GROUND SURFACE SAMPLING PLAN PART C.2 – MAIN LEVEL



1.				
No.	DATE	DESCRIPTION	DESIGNER	REVIEWER

SEAL	SEAL
------	------

--	--

SCALE:	HORZ.: 1/8" = 1'-0"
	VERT.:
DATUM:	HORZ.:
	VERT.:
	
GRAPHIC SCALE	



FUSS & O'NEILL
EnviroScience, LLC
146 HARTFORD ROAD
MANCHESTER, CONNECTICUT 06040
860.646.2469
www.fando.com

CITY OF BRIDGEPORT
MAIN LEVEL PCB ADJACENT GROUND SURFACE SAMPLING PLAN
PART C
CENTRAL HIGH SCHOOL

1 LINCOLN BLVD.

BRIDGEPORT, CONNECTICUT

PROJ. No.: 20110793.A2E

DATE: SEPTEMBER 2013

FIG. 4-3

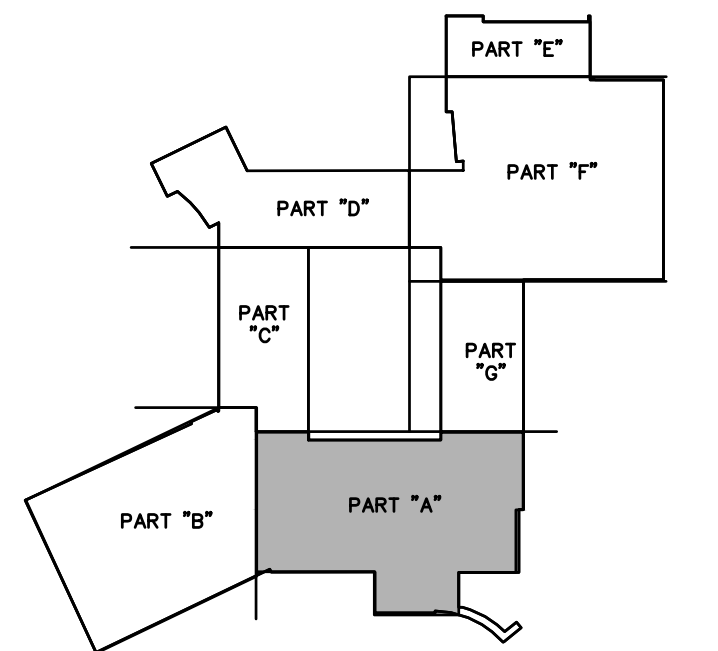
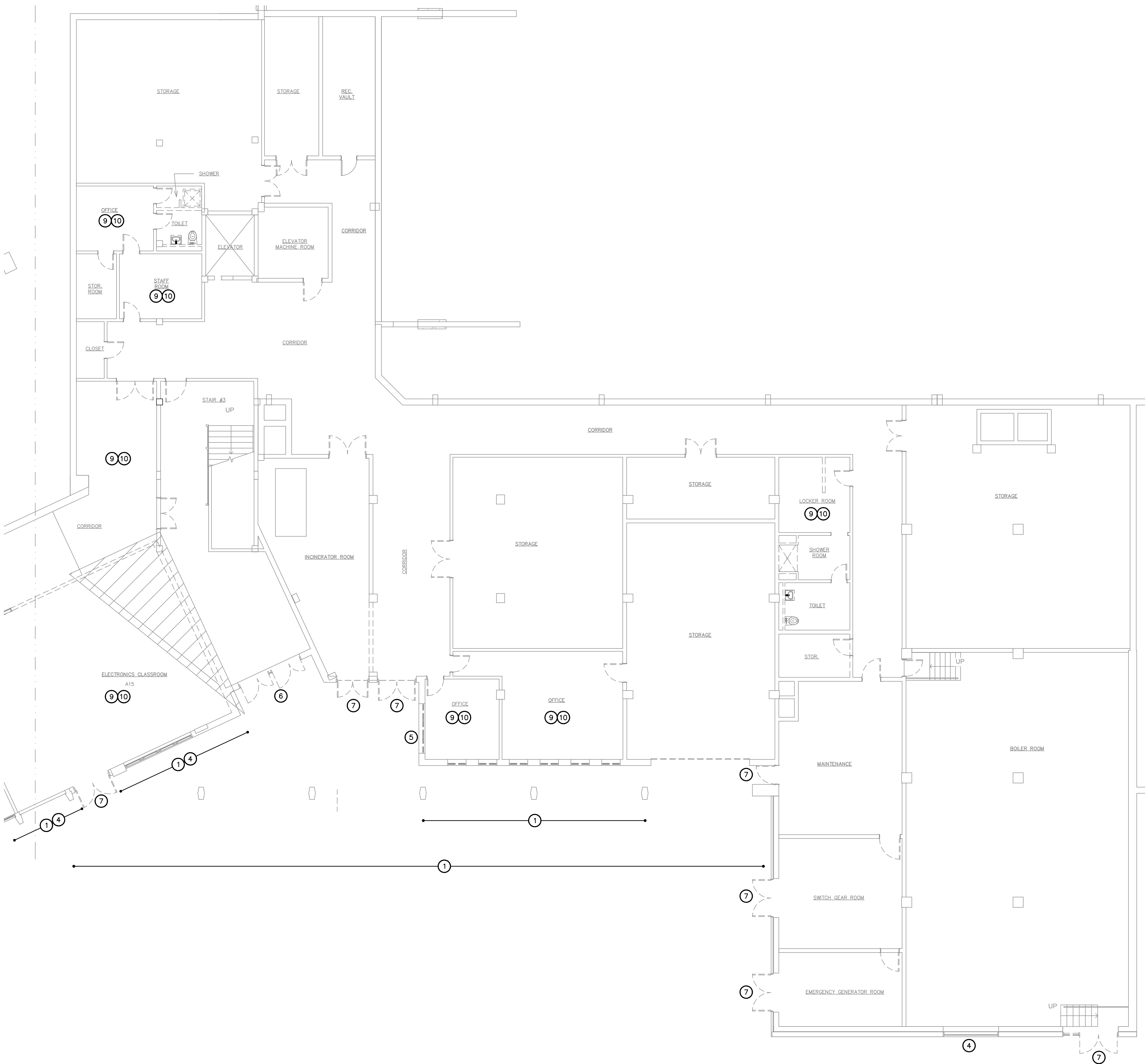


FIG. 4-4



PCB ABATEMENT NOTES

PCB BULK PRODUCT WASTE REMOVAL

- 1. REMOVAL AND OFF-SITE DISPOSAL OF EXTERIOR CONCRETE COLUMN/ROOFTOP COPING STONE CAULKING COMPOUNDS ASSOCIATED AS PCB BULK PRODUCT WASTE. FOLLOWING CLEANING, ENCAPSULATION OF CAULKING JOINT AND SIX INCHES OF CONTAMINATED CONCRETE ON EACH SIDE.
- 2. REMOVAL AND OFF-SITE DISPOSAL OF EXTERIOR EXPANSION CAULKING COMPOUNDS AS PCB BULK PRODUCT WASTE. REMOVAL INCLUDES ONE COMPLETE BRICK ON EACH SIDE OF CAULKING JOINT.

PCB REMEDIATION WASTE REMOVAL

- 3. REMOVAL AND OFF-SITE DISPOSAL OF SOIL AS PCB REMEDIATION WASTE. EXCAVATION TO DEPTHS AS NOTED IN PLAN.

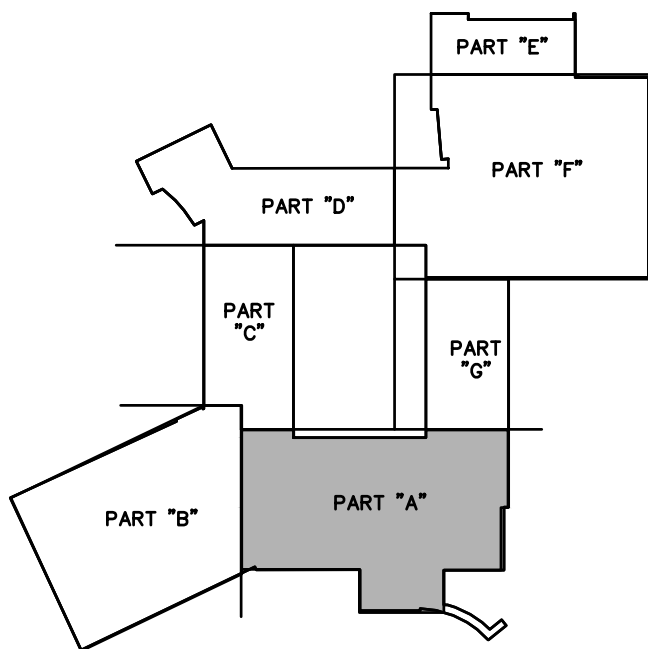
<50 PPM PCB BUILDING WASTE REMOVAL

- 4. REMOVAL AND OFF-SITE DISPOSAL OF EXTERIOR VENT CAULKING COMPOUNDS AS <50 PPM PCB BUILDING WASTE MIXED WITH ASBESTOS. REMOVAL INCLUDES EXTERIOR VENT.
- 5. REMOVAL AND OFF-SITE DISPOSAL OF EXTERIOR AND INTERIOR WINDOW CAULKING AND GLAZING COMPOUNDS ASSOCIATED WITH OLDER SINGLE WINDOW SYSTEMS AS <50 PPM PCB BUILDING WASTE MIXED WITH ASBESTOS. REMOVAL INCLUDES WINDOW FRAME AND GLASS.
- 6. REMOVAL AND OFF-SITE DISPOSAL OF EXTERIOR AND INTERIOR DOOR/WINDOW CAULKING AND GLAZING COMPOUNDS ASSOCIATED WITH STAIR TOWER DOOR/WINDOW SYSTEMS AS <50 PPM PCB BUILDING WASTE MIXED WITH ASBESTOS. REMOVAL INCLUDES DOOR/WINDOW FRAME AND GLASS.
- 7. REMOVAL AND OFF-SITE DISPOSAL OF EXTERIOR DOOR CAULKING COMPOUNDS ASSOCIATED WITH OLDER SINGLE DOOR SYSTEMS AS <50 PPM PCB BUILDING WASTE MIXED WITH ASBESTOS. REMOVAL INCLUDES DOOR FRAME.
- 8. REMOVAL AND OFF-SITE DISPOSAL OF CEILING TILES AS <50 PPM PCB BUILDING WASTE.
- 9. REMOVAL AND OFF-SITE DISPOSAL OF BLACK MASTIC AS <50 PPM PCB BUILDING WASTE MIXED WITH ASBESTOS. REMOVAL INCLUDES FLOOR TILE.
- 10. REMOVAL AND OFF-SITE DISPOSAL OF COVE BASE GLUE AS <50 PPM PCB BUILDING WASTE. REMOVAL INCLUDES COVE BASE.

GENERAL NOTES

- 1. PCB ABATEMENT WORK IS TO BE PERFORMED IN ACCORDANCE WITH SPECIFICATION SECTION 028413 AS WELL AS THE SELF IMPLEMENTING ONSITE CLEAN UP AND DISPOSAL PLAN AND ASSOCIATED APPROVAL DEVELOPED FOR THE SITE. MATERIAL MAY CONTAIN REGULATED CONCENTRATIONS OF ASBESTOS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO IDENTIFY MATERIALS THAT CONTAIN ASBESTOS AND REMOVE AND DISPOSE OF THE ACM/PCB MATERIALS IN ACCORDANCE WITH ALL FEDERAL AND STATE REGULATIONS. ASBESTOS ABATEMENT WORK IS TO BE PERFORMED IN ACCORDANCE WITH SPECIFICATION SECTION 028213.
- 2. THIS PROJECT INCLUDES MULTIPLE MOBILIZATIONS AND CONTAINMENTS.
- 3. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING WATER, LIGHTS, HEAT, AND POWER AT THE SITE AS NECESSARY TO PERFORM THE WORK.

PCB ABATEMENT PLAN PART A - LOWER LEVEL
1/8" = 1'-0"



No.	DATE	DESCRIPTION	DESIGNER	REVIEWER
1.				

SEAL	SEAL

SCALE:	
HORZ.: 1/8" = 1'-0"	
VERT.: 1/8" = 1'-0"	
DATUM:	
HORZ.: 1/8" = 1'-0"	
VERT.: 1/8" = 1'-0"	
GRAPHIC SCALE	



FUSS & O'NEILL
EnviroScience, LLC
146 HARTFORD ROAD
MANCHESTER, CONNECTICUT 06040
860.646.2469
www.fandob.com

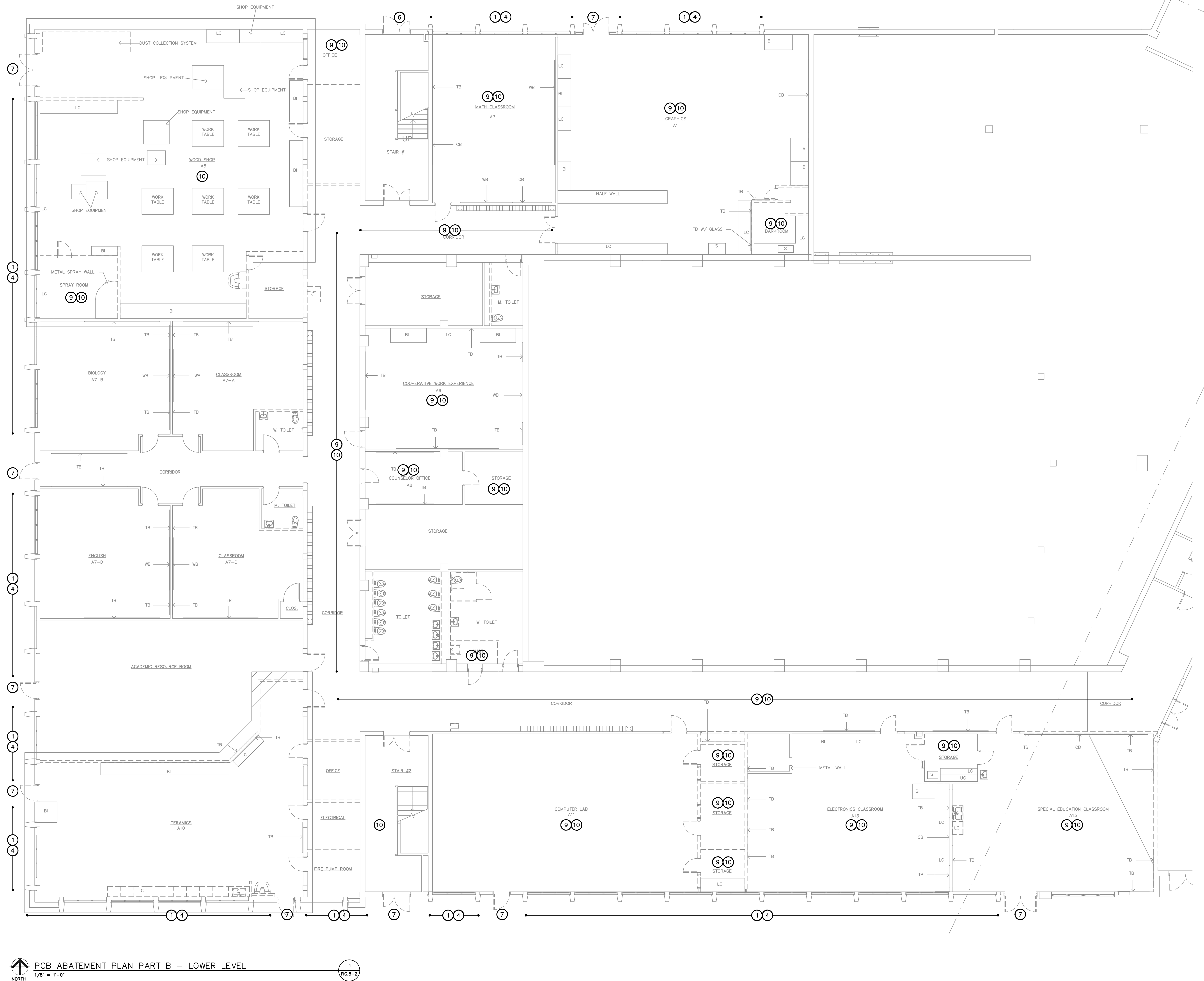
CITY OF BRIDGEPORT
LOWER LEVEL PCB ABATEMENT PLAN
PART A
CENTRAL HIGH SCHOOL
BRIDGEPORT, CONNECTICUT

1 LINCOLN BLVD.

PROJ. No.: 20110793.A2E
DATE: SEPTEMBER 2013

FIG 5-1

File Path: C:\Users\aron\Desktop\PCB.dwg examples\20110793A2E_PCB11_CHS_LOW_LEV.dwg Layout: FIG.5-2 Plotted: Tue, October 01, 2013 - 10:09 AM User: siron
MS VIEW: Plotter: DWG TO PDF PC3 CTB File: FO 2008 MONO.CTB



PCB ABATEMENT NOTES

PCB BULK PRODUCT WASTE REMOVAL

- 1. REMOVAL AND OFF-SITE DISPOSAL OF EXTERIOR CONCRETE COLUMN/ROOFTOP COPING STONE CAULKING COMPOUNDS ASSOCIATED AS PCB BULK PRODUCT WASTE. FOLLOWING CLEANING, ENCAPSULATION OF CAULKING JOINT AND SIX INCHES OF CONTAMINATED CONCRETE ON EACH SIDE.
- 2. REMOVAL AND OFF-SITE DISPOSAL OF EXTERIOR EXPANSION CAULKING COMPOUNDS AS PCB BULK PRODUCT WASTE. REMOVAL INCLUDES ONE COMPLETE BRICK ON EACH SIDE OF CAULKING JOINT.

PCB REMEDIATION WASTE REMOVAL

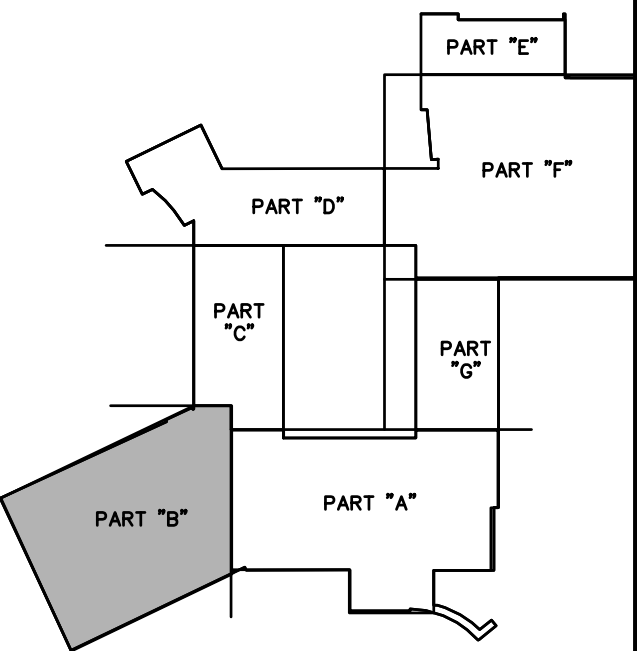
- 3. REMOVAL AND OFF-SITE DISPOSAL OF SOIL AS PCB REMEDIATION WASTE. EXCAVATION TO DEPTHS AS NOTED IN PLAN.

<50 PPM PCB BUILDING WASTE REMOVAL

- 4. REMOVAL AND OFF-SITE DISPOSAL OF EXTERIOR VENT CAULKING COMPOUNDS AS <50 PPM PCB BUILDING WASTE MIXED WITH ASBESTOS. REMOVAL INCLUDES EXTERIOR VENT.
- 5. REMOVAL AND OFF-SITE DISPOSAL OF EXTERIOR AND INTERIOR WINDOW CAULKING AND GLAZING COMPOUNDS ASSOCIATED WITH OLDER SINGLE WINDOW SYSTEMS AS <50 PPM PCB BUILDING WASTE MIXED WITH ASBESTOS. REMOVAL INCLUDES WINDOW FRAME AND GLASS.
- 6. REMOVAL AND OFF-SITE DISPOSAL OF EXTERIOR AND INTERIOR DOOR/WINDOW CAULKING AND GLAZING COMPOUNDS ASSOCIATED WITH STAIR TOWER DOOR/WINDOW SYSTEMS AS <50 PPM PCB BUILDING WASTE MIXED WITH ASBESTOS. REMOVAL INCLUDES DOOR/WINDOW FRAME AND GLASS.
- 7. REMOVAL AND OFF-SITE DISPOSAL OF EXTERIOR DOOR CAULKING COMPOUNDS ASSOCIATED WITH OLDER SINGLE DOOR SYSTEMS AS <50 PPM PCB BUILDING WASTE MIXED WITH ASBESTOS. REMOVAL INCLUDES DOOR FRAME.
- 8. REMOVAL AND OFF-SITE DISPOSAL OF CEILING TILES AS <50 PPM PCB BUILDING WASTE.
- 9. REMOVAL AND OFF-SITE DISPOSAL OF BLACK MASTIC AS <50 PPM PCB BUILDING WASTE MIXED WITH ASBESTOS. REMOVAL INCLUDES FLOOR TILE.
- 10. REMOVAL AND OFF-SITE DISPOSAL OF COVE BASE GLUE AS <50 PPM PCB BUILDING WASTE. REMOVAL INCLUDES COVE BASE.

GENERAL NOTES

- 1. PCB ABATEMENT WORK IS TO BE PERFORMED IN ACCORDANCE WITH SPECIFICATION SECTION 028413 AS WELL AS THE SELF IMPLEMENTING ONSITE CLEAN UP AND DISPOSAL PLAN AND ASSOCIATED APPROVAL DEVELOPED FOR THE SITE. MATERIAL MAY CONTAIN REGULATED CONCENTRATIONS OF ASBESTOS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO IDENTIFY MATERIALS THAT CONTAIN ASBESTOS AND REMOVE AND DISPOSE OF THE ACM/PCB MATERIALS IN ACCORDANCE WITH ALL FEDERAL AND STATE REGULATIONS. ASBESTOS ABATEMENT WORK IS TO BE PERFORMED IN ACCORDANCE WITH SPECIFICATION SECTION 028213.
- 2. THIS PROJECT INCLUDES MULTIPLE MOBILIZATIONS AND CONTAINMENTS.
- 3. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING WATER, LIGHTS, HEAT, AND POWER AT THE SITE AS NECESSARY TO PERFORM THE WORK.



No.	DATE	DESCRIPTION	DESIGNER	REVIEWER
1.				

SEAL	SEAL
------	------

SCALE:	HORZ.: 1/8" = 1'-0"
DATUM:	VERT.: 1/8" = 1'-0"
GRAPHIC SCALE	1/8" 0 1/8"

FUSS & O'NEILL
EnviroScience, LLC
146 HARTFORD ROAD
MANCHESTER, CONNECTICUT 06040
860.646.2469
www.fussn.com

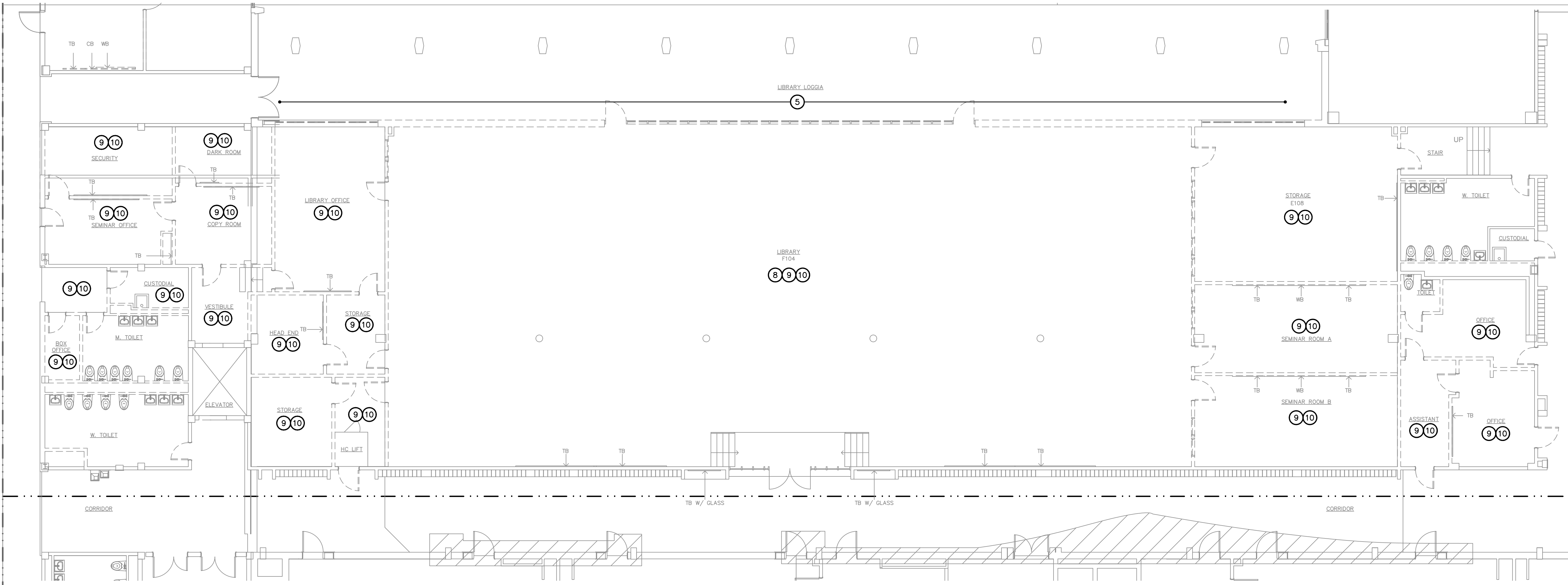
CITY OF BRIDGEPORT
LOWER LEVEL PCB ABATEMENT PLAN
PART B
CENTRAL HIGH SCHOOL

1 LINCOLN BLVD.

BRIDGEPORT, CONNECTICUT

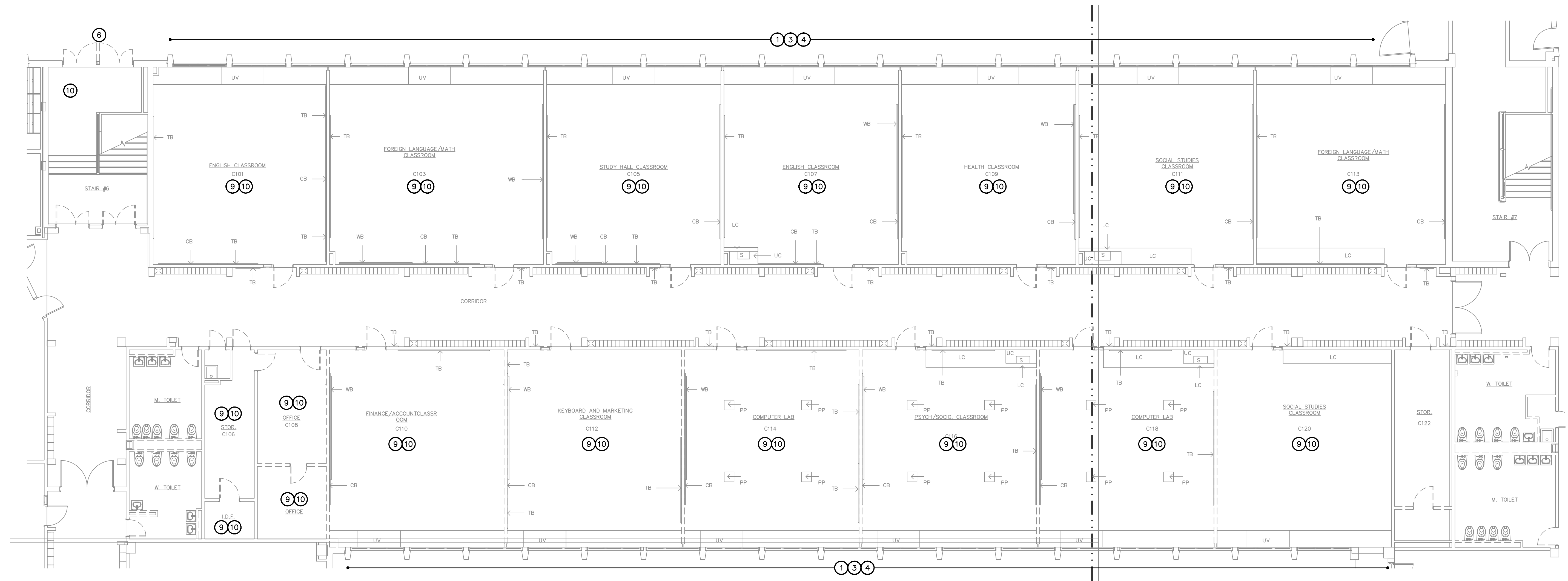
PROJ. No.: 20110793.A2E DATE: SEPTEMBER 2013
FIG. 5-2

File Path: C:\Users\aron\Desktop\PCB.dwg example20110793A2E_PCB12_CHS_MAIN LEV.dwg Layout: FIGS-3 Plotted: Tue, October 01, 2013 - 10:10 AM User: arons
MS VIEW: LAYER STATE: Plotter: DWG TO PDF PC3 CTB File: FO 2008 MONO.CTB



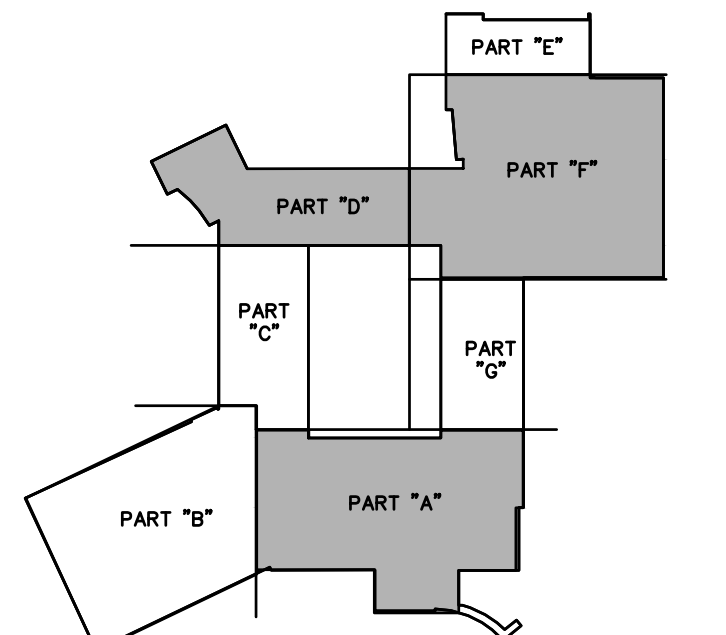
PCB ABATEMENT PLAN PART A - MAIN LEVEL
1/8" = 1'-0"

1
FIG. 5-3



PCB ABATEMENT PLAN PART D & F - MAIN LEVEL
1/8" = 1'-0"

2
FIG. 5-3



PCB ABATEMENT NOTES

PCB BULK PRODUCT WASTE REMOVAL

- REMOVAL AND OFF-SITE DISPOSAL OF EXTERIOR CONCRETE COLUMN/ROOFTOP COPING STONE CAULKING COMPOUNDS ASSOCIATED AS PCB BULK PRODUCT WASTE. FOLLOWING CLEANING, ENCAPSULATION OF CAULKING JOINT AND SIX INCHES OF CONTAMINATED CONCRETE ON EACH SIDE.
- REMOVAL AND OFF-SITE DISPOSAL OF EXTERIOR EXPANSION CAULKING COMPOUNDS AS PCB BULK PRODUCT WASTE. REMOVAL INCLUDES ONE COMPLETE BRICK ON EACH SIDE OF CAULKING JOINT.

PCB REMEDIATION WASTE REMOVAL

- REMOVAL AND OFF-SITE DISPOSAL OF SOIL AS PCB REMEDIATION WASTE. EXCAVATION TO DEPTHS AS NOTED IN PLAN.

<50 PPM PCB BUILDING WASTE REMOVAL

- REMOVAL AND OFF-SITE DISPOSAL OF EXTERIOR VENT CAULKING COMPOUNDS AS <50 PPM PCB BUILDING WASTE MIXED WITH ASBESTOS. REMOVAL INCLUDES EXTERIOR VENT.
- REMOVAL AND OFF-SITE DISPOSAL OF EXTERIOR AND INTERIOR WINDOW CAULKING AND GLAZING COMPOUNDS ASSOCIATED WITH OLDER SINGLE WINDOW SYSTEMS AS <50 PPM PCB BUILDING WASTE MIXED WITH ASBESTOS. REMOVAL INCLUDES WINDOW FRAME AND GLASS.
- REMOVAL AND OFF-SITE DISPOSAL OF EXTERIOR AND INTERIOR DOOR/WINDOW CAULKING AND GLAZING COMPOUNDS ASSOCIATED WITH STAIR TOWER DOOR/WINDOW SYSTEMS AS <50 PPM PCB BUILDING WASTE MIXED WITH ASBESTOS. REMOVAL INCLUDES DOOR/WINDOW FRAME AND GLASS.
- REMOVAL AND OFF-SITE DISPOSAL OF EXTERIOR DOOR CAULKING COMPOUNDS ASSOCIATED WITH OLDER SINGLE DOOR SYSTEMS AS <50 PPM PCB BUILDING WASTE MIXED WITH ASBESTOS. REMOVAL INCLUDES DOOR FRAME.
- REMOVAL AND OFF-SITE DISPOSAL OF CEILING TILES AS <50 PPM PCB BUILDING WASTE.
- REMOVAL AND OFF-SITE DISPOSAL OF BLACK MASTIC AS <50 PPM PCB BUILDING WASTE MIXED WITH ASBESTOS. REMOVAL INCLUDES FLOOR TILE.
- REMOVAL AND OFF-SITE DISPOSAL OF COVE BASE GLUE AS <50 PPM PCB BUILDING WASTE. REMOVAL INCLUDES COVE BASE.

GENERAL NOTES

- PCB ABATEMENT WORK IS TO BE PERFORMED IN ACCORDANCE WITH SPECIFICATION SECTION 028413 AS WELL AS THE SELF IMPLEMENTING ONSITE CLEAN UP AND DISPOSAL PLAN AND ASSOCIATED APPROVAL DEVELOPED FOR THE SITE. MATERIAL MAY CONTAIN REGULATED CONCENTRATIONS OF ASBESTOS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO IDENTIFY MATERIALS THAT CONTAIN ASBESTOS AND REMOVE AND DISPOSE OF THE ACM/PCB MATERIALS IN ACCORDANCE WITH ALL FEDERAL AND STATE REGULATIONS. ASBESTOS ABATEMENT WORK IS TO BE PERFORMED IN ACCORDANCE WITH SPECIFICATION SECTION 028213.
- THIS PROJECT INCLUDES MULTIPLE MOBILIZATIONS AND CONTAINMENTS.
- THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING WATER, LIGHTS, HEAT, AND POWER AT THE SITE AS NECESSARY TO PERFORM THE WORK.

No.	DATE	DESCRIPTION	DESIGNER	REVIEWER
1.				

SEAL	SEAL
------	------

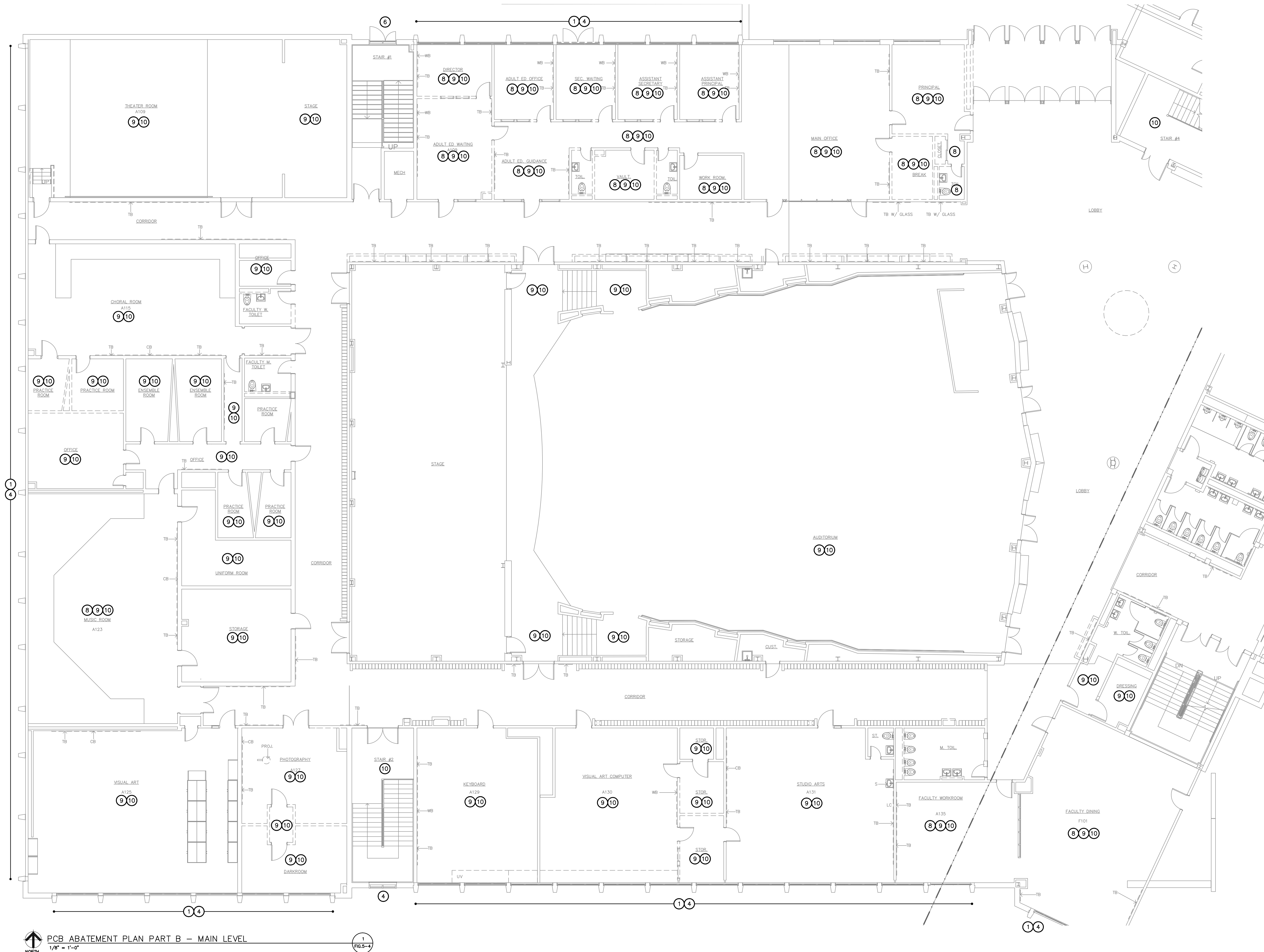
SCALE:
HORIZ.: 1/8" = 1'-0"
VERT.:
DATUM:
HORIZ.:
VERT.:
1/8" 0 1/8"
GRAPHIC SCALE

FUSS & O'NEILL
EnviroScience, LLC
146 HARTFORD ROAD
MANCHESTER, CONNECTICUT 06040
860.646.2469
www.fussn.com

CITY OF BRIDGEPORT
MAIN LEVEL PCB ABATEMENT PLAN
PART A, D, & F
CENTRAL HIGH SCHOOL
BRIDGEPORT, CONNECTICUT

PROJ. No.: 20110793.A2E
DATE: SEPTEMBER 2013
FIG. 5-3

File Path: C:\Users\aron\Desktop\PCB.dwg examples\20110793A2E_PCB12_CHS_MAIN.LEV.dwg Layout: FIGS-4 Plotted: Tue, October 01, 2013 - 10:10 AM User: arons
MS VIEW: Plotter: DWG TO PDF PC3 CTB File: FO 2008 MONO.CTB



PCB ABATEMENT NOTES

PCB BULK PRODUCT WASTE REMOVAL

- 1 REMOVAL AND OFF-SITE DISPOSAL OF EXTERIOR CONCRETE COLUMN/ROOFTOP COPING STONE CAULKING COMPOUNDS ASSOCIATED AS PCB BULK PRODUCT WASTE. FOLLOWING CLEANING, ENCAPSULATION OF CAULKING JOINT AND SIX INCHES OF CONTAMINATED CONCRETE ON EACH SIDE.
- 2 REMOVAL AND OFF-SITE DISPOSAL OF EXTERIOR EXPANSION CAULKING COMPOUNDS AS PCB BULK PRODUCT WASTE. REMOVAL INCLUDES ONE COMPLETE BRICK ON EACH SIDE OF CAULKING JOINT.

PCB REMEDIATION WASTE REMOVAL

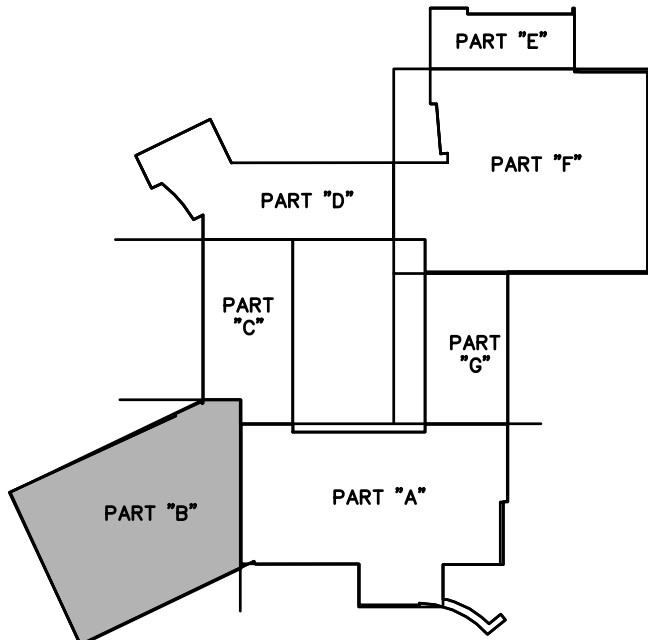
- 3 REMOVAL AND OFF-SITE DISPOSAL OF SOIL AS PCB REMEDIATION WASTE. EXCAVATION TO DEPTHS AS NOTED IN PLAN.

<50 PPM PCB BUILDING WASTE REMOVAL

- 4 REMOVAL AND OFF-SITE DISPOSAL OF EXTERIOR VENT CAULKING COMPOUNDS AS <50 PPM PCB BUILDING WASTE MIXED WITH ASBESTOS. REMOVAL INCLUDES EXTERIOR VENT.
- 5 REMOVAL AND OFF-SITE DISPOSAL OF EXTERIOR AND INTERIOR WINDOW CAULKING AND GLAZING COMPOUNDS ASSOCIATED WITH OLDER SINGLE WINDOW SYSTEMS AS <50 PPM PCB BUILDING WASTE MIXED WITH ASBESTOS. REMOVAL INCLUDES WINDOW FRAME AND GLASS.
- 6 REMOVAL AND OFF-SITE DISPOSAL OF EXTERIOR AND INTERIOR DOOR/WINDOW CAULKING AND GLAZING COMPOUNDS ASSOCIATED WITH STAIR TOWER DOOR/WINDOW SYSTEMS AS <50 PPM PCB BUILDING WASTE MIXED WITH ASBESTOS. REMOVAL INCLUDES DOOR/WINDOW FRAME AND GLASS.
- 7 REMOVAL AND OFF-SITE DISPOSAL OF EXTERIOR DOOR CAULKING COMPOUNDS ASSOCIATED WITH OLDER SINGLE DOOR SYSTEMS AS <50 PPM PCB BUILDING WASTE MIXED WITH ASBESTOS. REMOVAL INCLUDES DOOR FRAME.
- 8 REMOVAL AND OFF-SITE DISPOSAL OF CEILING TILES AS <50 PPM PCB BUILDING WASTE.
- 9 REMOVAL AND OFF-SITE DISPOSAL OF BLACK MASTIC AS <50 PPM PCB BUILDING WASTE MIXED WITH ASBESTOS. REMOVAL INCLUDES FLOOR TILE.
- 10 REMOVAL AND OFF-SITE DISPOSAL OF COVE BASE GLUE AS <50 PPM PCB BUILDING WASTE. REMOVAL INCLUDES COVE BASE.

GENERAL NOTES

- 1. PCB ABATEMENT WORK IS TO BE PERFORMED IN ACCORDANCE WITH SPECIFICATION SECTION 028413 AS WELL AS THE SELF IMPLEMENTING ONSITE CLEAN UP AND DISPOSAL PLAN AND ASSOCIATED APPROVAL DEVELOPED FOR THE SITE. MATERIAL MAY CONTAIN REGULATED CONCENTRATIONS OF ASBESTOS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO IDENTIFY MATERIALS THAT CONTAIN ASBESTOS AND REMOVE AND DISPOSE OF THE ACM/PCB MATERIALS IN ACCORDANCE WITH ALL FEDERAL AND STATE REGULATIONS. ASBESTOS ABATEMENT WORK IS TO BE PERFORMED IN ACCORDANCE WITH SPECIFICATION SECTION 028213.
- 2. THIS PROJECT INCLUDES MULTIPLE MOBILIZATIONS AND CONTAINMENTS.
- 3. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING WATER, LIGHTS, HEAT, AND POWER AT THE SITE AS NECESSARY TO PERFORM THE WORK.



No.	DATE	DESCRIPTION	DESIGNER	REVIEWER
1.				

SEAL	SEAL
------	------

SCALE:	HORIZ.: 1/8" = 1'-0"
	VERT.: 1/8" = 1'-0"
DATUM:	HORIZ.: 1/8" = 1'-0"
	VERT.: 1/8" = 1'-0"
1/8"	0 1/8"
GRAPHIC SCALE	



FUSS & O'NEILL
EnviroScience, LLC
146 HARTFORD ROAD
MANCHESTER, CONNECTICUT 06040
860.646.2469
www.fandob.com

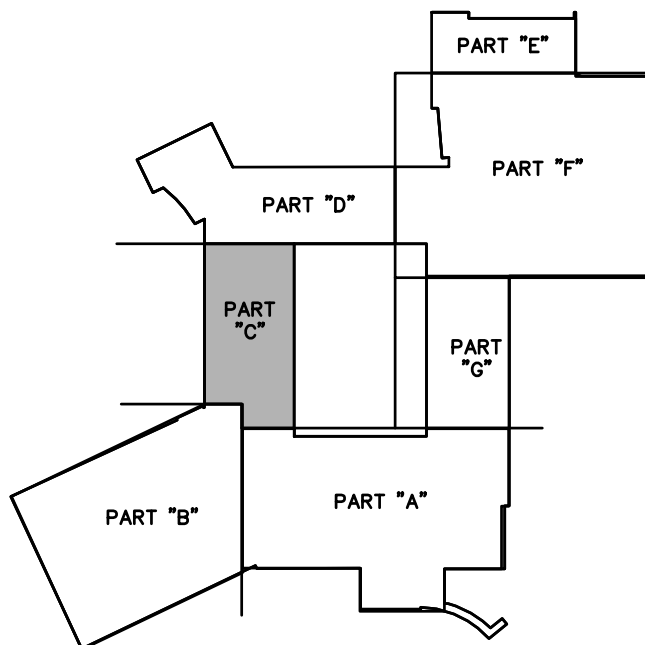
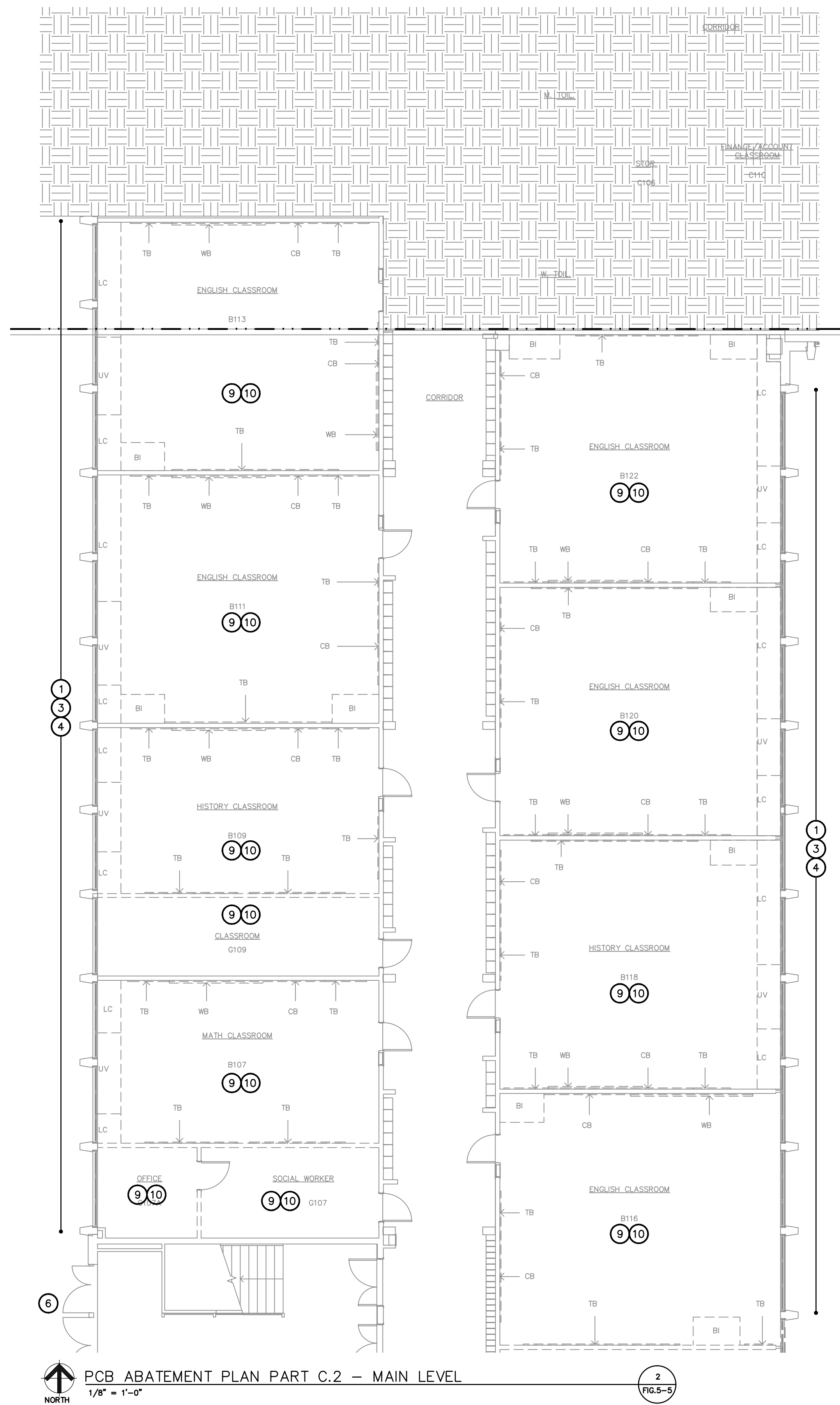
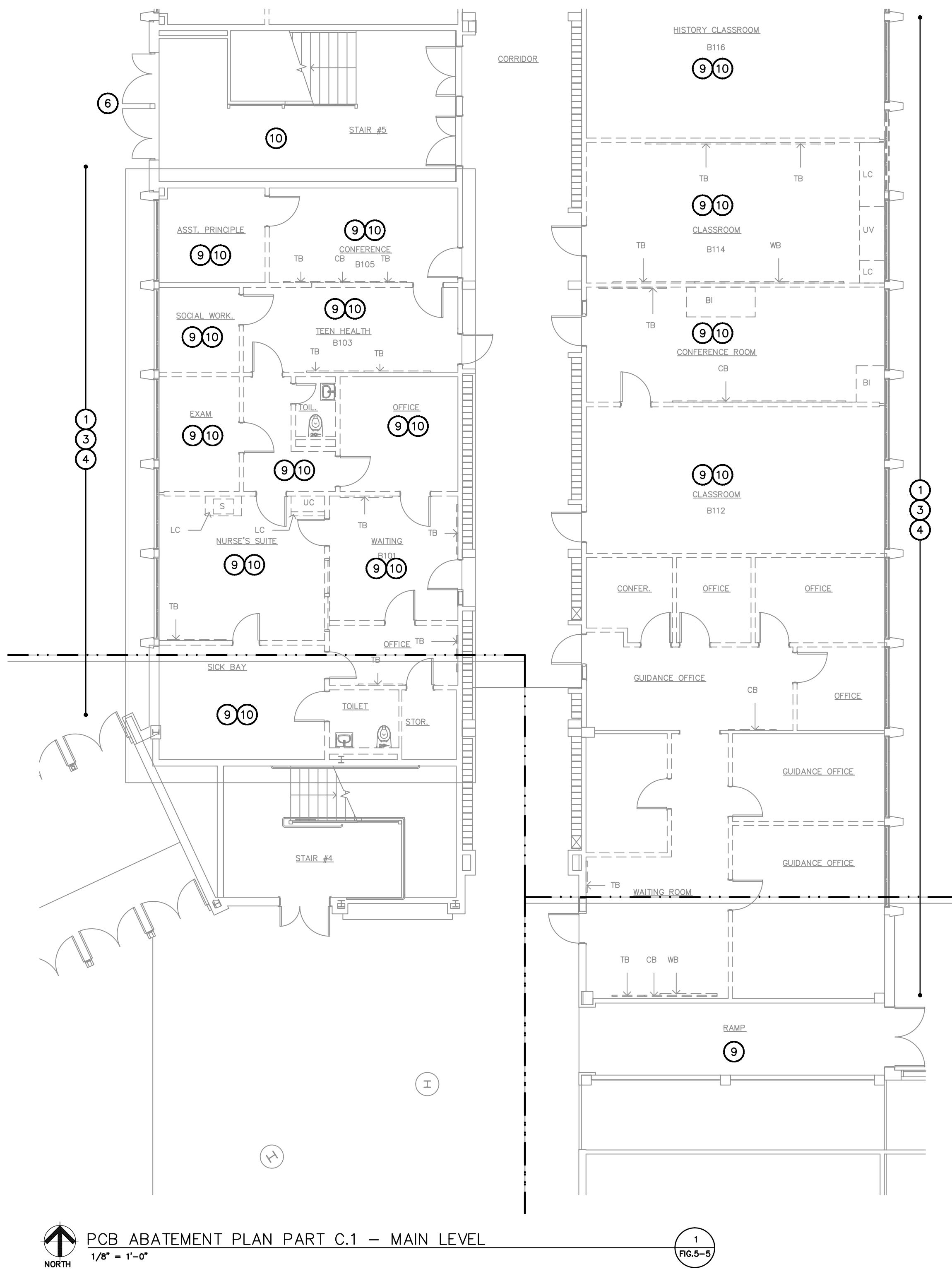
1 LINCOLN BLVD.

CITY OF BRIDGEPORT
MAIN LEVEL PCB ABATEMENT PLAN
PART B
CENTRAL HIGH SCHOOL

BRIDGEPORT, CONNECTICUT

PROJ. No.: 20110793.A2E
DATE: SEPTEMBER 2013
FIG. 5-4

File Path: C:\Users\slon\Desktop\PCB dwg examples\20110703A2E_PCB12_CHS_MAIN.LEV.dwg Layer: FIG5-5 Plotted: Tue, October 01, 2013, 10:11 AM User: slons
LWS VIEW: Plotter: DWG TO PDF.PC3 CTB File: FO 2008 MONO.CTB



PCB ABATEMENT NOTES

PCB BULK PRODUCT WASTE REMOVAL

- REMOVAL AND OFF-SITE DISPOSAL OF EXTERIOR CONCRETE COLUMN/ROOFTOP COPING STONE CAULKING COMPOUNDS ASSOCIATED AS PCB BULK PRODUCT WASTE. FOLLOWING CLEANING, ENCAPSULATION OF CAULKING JOINT AND SIX INCHES OF CONTAMINATED CONCRETE ON EACH SIDE.
- REMOVAL AND OFF-SITE DISPOSAL OF EXTERIOR EXPANSION CAULKING COMPOUNDS AS PCB BULK PRODUCT WASTE. REMOVAL INCLUDES ONE COMPLETE BRICK ON EACH SIDE OF CAULKING JOINT.

PCB REMEDIATION WASTE REMOVAL

- REMOVAL AND OFF-SITE DISPOSAL OF SOIL AS PCB REMEDIATION WASTE. EXCAVATION TO DEPTHS AS NOTED IN PLAN.

<50 PPM PCB BUILDING WASTE REMOVAL

- REMOVAL AND OFF-SITE DISPOSAL OF EXTERIOR VENT CAULKING COMPOUNDS AS <50 PPM PCB BUILDING WASTE MIXED WITH ASBESTOS. REMOVAL INCLUDES EXTERIOR VENT.
- REMOVAL AND OFF-SITE DISPOSAL OF EXTERIOR AND INTERIOR WINDOW CAULKING AND GLAZING COMPOUNDS ASSOCIATED WITH OLDER SINGLE WINDOW SYSTEMS AS <50 PPM PCB BUILDING WASTE MIXED WITH ASBESTOS. REMOVAL INCLUDES WINDOW FRAME AND GLASS.
- REMOVAL AND OFF-SITE DISPOSAL OF EXTERIOR AND INTERIOR DOOR/WINDOW CAULKING AND GLAZING COMPOUNDS ASSOCIATED WITH STAIR TOWER DOOR/WINDOW SYSTEMS AS <50 PPM PCB BUILDING WASTE MIXED WITH ASBESTOS. REMOVAL INCLUDES DOOR/WINDOW FRAME AND GLASS.
- REMOVAL AND OFF-SITE DISPOSAL OF EXTERIOR DOOR CAULKING COMPOUNDS ASSOCIATED WITH OLDER SINGLE DOOR SYSTEMS AS <50 PPM PCB BUILDING WASTE MIXED WITH ASBESTOS. REMOVAL INCLUDES DOOR FRAME.
- REMOVAL AND OFF-SITE DISPOSAL OF CEILING TILES AS <50 PPM PCB BUILDING WASTE.
- REMOVAL AND OFF-SITE DISPOSAL OF BLACK MASTIC AS <50 PPM PCB BUILDING WASTE MIXED WITH ASBESTOS. REMOVAL INCLUDES FLOOR TILE.
- REMOVAL AND OFF-SITE DISPOSAL OF COVE BASE GLUE AS <50 PPM PCB BUILDING WASTE. REMOVAL INCLUDES COVE BASE.

GENERAL NOTES

- PCB ABATEMENT WORK IS TO BE PERFORMED IN ACCORDANCE WITH SPECIFICATION SECTION 028413 AS WELL AS THE SELF-IMPLEMENTING ON-SITE CLEAN UP AND DISPOSAL PLAN AND ASSOCIATED APPROVAL DEVELOPED FOR THE SITE. MATERIAL MAY CONTAIN REGULATED CONCENTRATIONS OF ASBESTOS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO IDENTIFY MATERIALS THAT CONTAIN ASBESTOS AND REMOVE AND DISPOSE OF THE ACM/PCB MATERIALS IN ACCORDANCE WITH ALL FEDERAL AND STATE REGULATIONS. ASBESTOS ABATEMENT WORK IS TO BE PERFORMED IN ACCORDANCE WITH SPECIFICATION SECTION 028213.
- THIS PROJECT INCLUDES MULTIPLE MOBILIZATIONS AND CONTAINMENTS.
- THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING WATER, LIGHTS, HEAT, AND POWER AT THE SITE AS NECESSARY TO PERFORM THE WORK.

No.	DATE	DESCRIPTION	DESIGNER	REVIEWER
1.				

SEAL	SEAL
------	------

SCALE:	
HORZ.: 1/8" = 1'-0"	
VERT.: 1/8" = 1'-0"	
DATUM:	
HORZ.: 1/8" = 1'-0"	
VERT.: 1/8" = 1'-0"	
GRAPHIC SCALE	



FUSS & O'NEILL
EnviroScience, LLC
146 HARTFORD ROAD
MANCHESTER, CONNECTICUT 06040
860.646.2469
www.fando.com

CITY OF BRIDGEPORT
MAIN LEVEL PCB ABATEMENT PLAN
PART C
CENTRAL HIGH SCHOOL

1 LINCOLN BLVD.

BRIDGEPORT, CONNECTICUT

PROJ. No.: 20110703 A2E DATE: SEPTEMBER 2013
FIG. 5-5

File Path: C:\Users\aron\Desktop\PCB.dwg examples\20110793A2E_PCB12_CHS_MAIN.LEV.dwg Layout: FIGS-4 Plotted: Tue, October 01, 2013 - 10:11 AM User: aron
MS VIEW: LAYER STATE: Plotter: DWG TO PDF PC3 CTB File: FO 2008 MONO.CTB



PCB ABATEMENT NOTES

PCB BULK PRODUCT WASTE REMOVAL

- 1. REMOVAL AND OFF-SITE DISPOSAL OF EXTERIOR CONCRETE COLUMN/ROOFTOP COPING STONE CAULKING COMPOUNDS ASSOCIATED AS PCB BULK PRODUCT WASTE. FOLLOWING CLEANING, ENCAPSULATION OF CAULKING JOINT AND SIX INCHES OF CONTAMINATED CONCRETE ON EACH SIDE.
- 2. REMOVAL AND OFF-SITE DISPOSAL OF EXTERIOR EXPANSION CAULKING COMPOUNDS AS PCB BULK PRODUCT WASTE. REMOVAL INCLUDES ONE COMPLETE BRICK ON EACH SIDE OF CAULKING JOINT.

PCB REMEDIATION WASTE REMOVAL

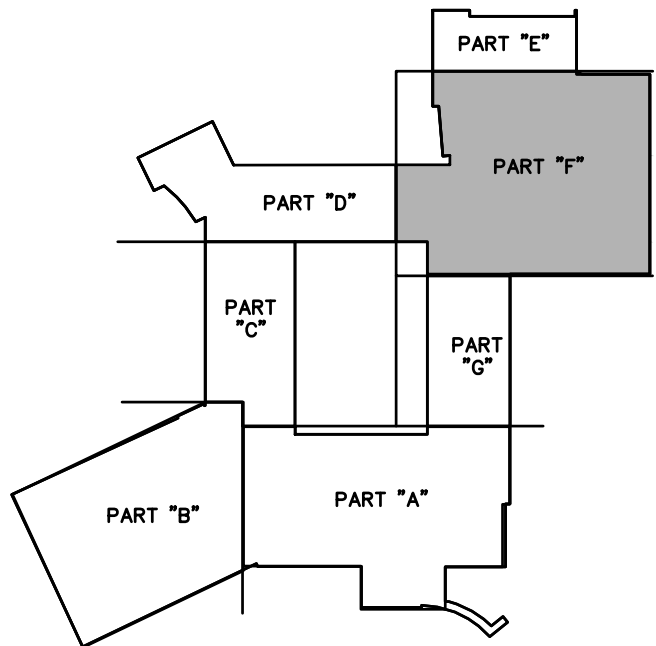
- 3. REMOVAL AND OFF-SITE DISPOSAL OF SOIL AS PCB REMEDIATION WASTE. EXCAVATION TO DEPTHS AS NOTED IN PLAN.

<50 PPM PCB BUILDING WASTE REMOVAL

- 4. REMOVAL AND OFF-SITE DISPOSAL OF EXTERIOR VENT CAULKING COMPOUNDS AS <50 PPM PCB BUILDING WASTE MIXED WITH ASBESTOS. REMOVAL INCLUDES EXTERIOR VENT.
- 5. REMOVAL AND OFF-SITE DISPOSAL OF EXTERIOR AND INTERIOR WINDOW CAULKING AND GLAZING COMPOUNDS ASSOCIATED WITH OLDER SINGLE WINDOW SYSTEMS AS <50 PPM PCB BUILDING WASTE MIXED WITH ASBESTOS. REMOVAL INCLUDES WINDOW FRAME AND GLASS.
- 6. REMOVAL AND OFF-SITE DISPOSAL OF EXTERIOR AND INTERIOR DOOR/WINDOW CAULKING AND GLAZING COMPOUNDS ASSOCIATED WITH STAIR TOWER DOOR/WINDOW SYSTEMS AS <50 PPM PCB BUILDING WASTE MIXED WITH ASBESTOS. REMOVAL INCLUDES DOOR/WINDOW FRAME AND GLASS.
- 7. REMOVAL AND OFF-SITE DISPOSAL OF EXTERIOR DOOR CAULKING COMPOUNDS ASSOCIATED WITH OLDER SINGLE DOOR SYSTEMS AS <50 PPM PCB BUILDING WASTE MIXED WITH ASBESTOS. REMOVAL INCLUDES DOOR FRAME.
- 8. REMOVAL AND OFF-SITE DISPOSAL OF CEILING TILES AS <50 PPM PCB BUILDING WASTE.
- 9. REMOVAL AND OFF-SITE DISPOSAL OF BLACK MASTIC AS <50 PPM PCB BUILDING WASTE MIXED WITH ASBESTOS. REMOVAL INCLUDES FLOOR TILE.
- 10. REMOVAL AND OFF-SITE DISPOSAL OF COVE BASE GLUE AS <50 PPM PCB BUILDING WASTE. REMOVAL INCLUDES COVE BASE.

GENERAL NOTES

- 1. PCB ABATEMENT WORK IS TO BE PERFORMED IN ACCORDANCE WITH SPECIFICATION SECTION 028413 AS WELL AS THE SELF IMPLEMENTING ONSITE CLEAN UP AND DISPOSAL PLAN AND ASSOCIATED APPROVAL DEVELOPED FOR THE SITE. MATERIAL MAY CONTAIN REGULATED CONCENTRATIONS OF ASBESTOS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO IDENTIFY MATERIALS THAT CONTAIN ASBESTOS AND REMOVE AND DISPOSE OF THE ACM/PCB MATERIALS IN ACCORDANCE WITH ALL FEDERAL AND STATE REGULATIONS. ASBESTOS ABATEMENT WORK IS TO BE PERFORMED IN ACCORDANCE WITH SPECIFICATION SECTION 028213.
- 2. THIS PROJECT INCLUDES MULTIPLE MOBILIZATIONS AND CONTAINMENTS.
- 3. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING WATER, LIGHTS, HEAT, AND POWER AT THE SITE AS NECESSARY TO PERFORM THE WORK.



NORTH
1/8" = 1'-0"

CITY OF BRIDGEPORT

MAIN LEVEL PCB ABATEMENT PLAN
PART F

CENTRAL HIGH SCHOOL

BRIDGEPORT, CONNECTICUT

PROJ. No.: 20110793.A2E

DATE: SEPTEMBER 2013

FIG. 5-6

No.	DATE	DESCRIPTION	DESIGNER	REVIEWER
1.				

SEAL

SEAL

SCALE:
HORZ.: 1/8" = 1'-0"
VERT.:
DATUM:
HORZ.:
VERT.:
1/8" 0 1/8"
GRAPHIC SCALE



FUSS & O'NEILL
EnviroScience, LLC

146 HARTFORD ROAD
MANCHESTER, CONNECTICUT 06040
860.646.2469
www.fossob.com

1 LINCOLN BLVD.

PCB ABATEMENT NOTES

PCB BULK PRODUCT WASTE REMOVAL

1. REMOVAL AND OFF-SITE DISPOSAL OF EXTERIOR CONCRETE COLUMN/ROOFTOP COPING STONE CAULKING COMPOUNDS ASSOCIATED AS PCB BULK PRODUCT WASTE. FOLLOWING CLEANING, ENCAPSULATION OF CAULKING JOINT AND SIX INCHES OF CONTAMINATED CONCRETE ON EACH SIDE.
2. REMOVAL AND OFF-SITE DISPOSAL OF EXTERIOR EXPANSION CAULKING COMPOUNDS AS PCB BULK PRODUCT WASTE. REMOVAL INCLUDES ONE COMPLETE BRICK ON EACH SIDE OF CAULKING JOINT.

PCB REMEDIATION WASTE REMOVAL

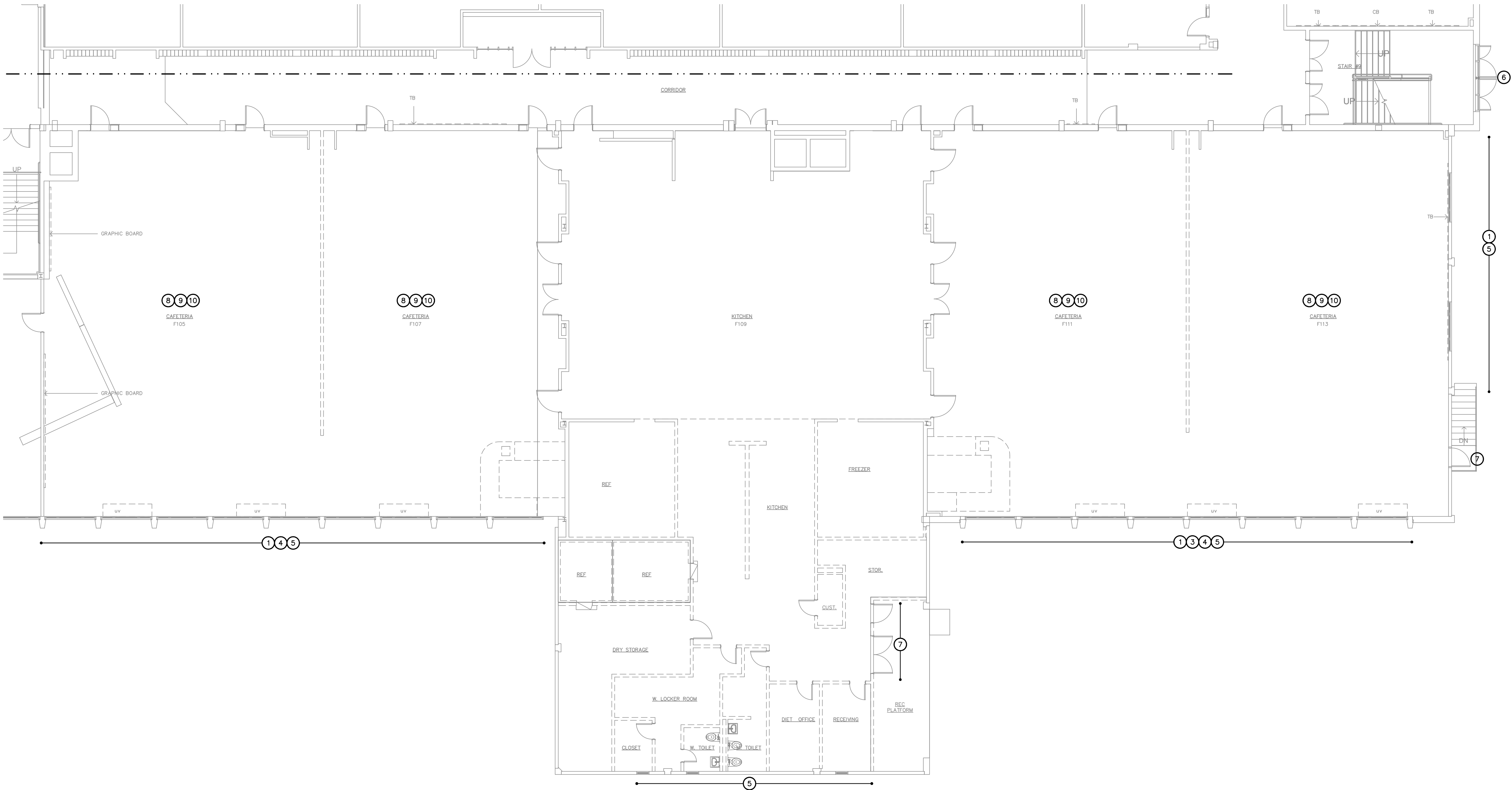
3. REMOVAL AND OFF-SITE DISPOSAL OF SOIL AS PCB REMEDIATION WASTE. EXCAVATION TO DEPTHS AS NOTED IN PLAN.

<50 PPM PCB BUILDING WASTE REMOVAL

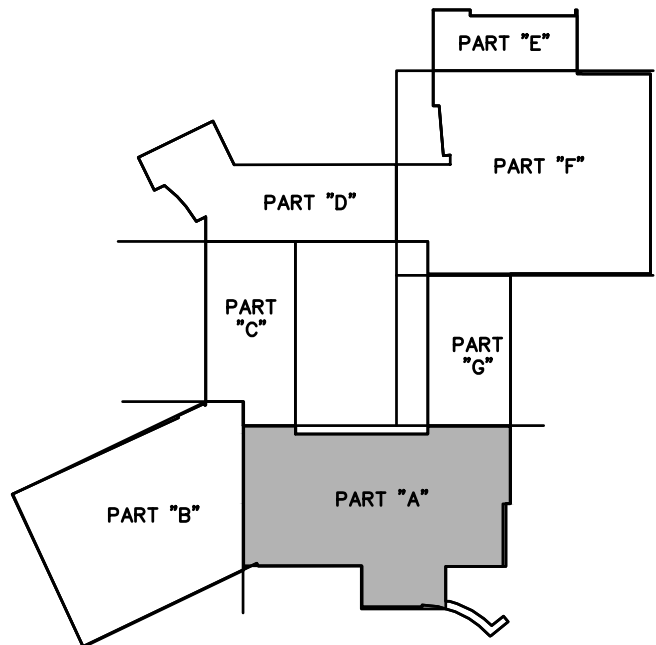
4. REMOVAL AND OFF-SITE DISPOSAL OF EXTERIOR VENT CAULKING COMPOUNDS AS <50 PPM PCB BUILDING WASTE MIXED WITH ASBESTOS. REMOVAL INCLUDES EXTERIOR VENT.
5. REMOVAL AND OFF-SITE DISPOSAL OF EXTERIOR AND INTERIOR WINDOW CAULKING AND GLAZING COMPOUNDS ASSOCIATED WITH OLDER SINGLE WINDOW SYSTEMS AS <50 PPM PCB BUILDING WASTE MIXED WITH ASBESTOS. REMOVAL INCLUDES WINDOW FRAME AND GLASS.
6. REMOVAL AND OFF-SITE DISPOSAL OF EXTERIOR AND INTERIOR DOOR/WINDOW CAULKING AND GLAZING COMPOUNDS ASSOCIATED WITH STAIR TOWER DOOR/WINDOW SYSTEMS AS <50 PPM PCB BUILDING WASTE MIXED WITH ASBESTOS. REMOVAL INCLUDES DOOR/WINDOW FRAME AND GLASS.
7. REMOVAL AND OFF-SITE DISPOSAL OF EXTERIOR DOOR CAULKING COMPOUNDS ASSOCIATED WITH OLDER SINGLE DOOR SYSTEMS AS <50 PPM PCB BUILDING WASTE MIXED WITH ASBESTOS. REMOVAL INCLUDES DOOR FRAME.
8. REMOVAL AND OFF-SITE DISPOSAL OF CEILING TILES AS <50 PPM PCB BUILDING WASTE.
9. REMOVAL AND OFF-SITE DISPOSAL OF BLACK MASTIC AS <50 PPM PCB BUILDING WASTE MIXED WITH ASBESTOS. REMOVAL INCLUDES FLOOR TILE.
10. REMOVAL AND OFF-SITE DISPOSAL OF COVE BASE GLUE AS <50 PPM PCB BUILDING WASTE. REMOVAL INCLUDES COVE BASE.

GENERAL NOTES

1. PCB ABATEMENT WORK IS TO BE PERFORMED IN ACCORDANCE WITH SPECIFICATION SECTION 028413 AS WELL AS THE SELF IMPLEMENTING ONSITE CLEAN UP AND DISPOSAL PLAN AND ASSOCIATED APPROVAL DEVELOPED FOR THE SITE. MATERIAL MAY CONTAIN REGULATED CONCENTRATIONS OF ASBESTOS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO IDENTIFY MATERIALS THAT CONTAIN ASBESTOS AND REMOVE AND DISPOSE OF THE ACM/PCB MATERIALS IN ACCORDANCE WITH ALL FEDERAL AND STATE REGULATIONS. ASBESTOS ABATEMENT WORK IS TO BE PERFORMED IN ACCORDANCE WITH SPECIFICATION SECTION 028213.
2. THIS PROJECT INCLUDES MULTIPLE MOBILIZATIONS AND CONTAINMENTS.
3. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING WATER, LIGHTS, HEAT, AND POWER AT THE SITE AS NECESSARY TO PERFORM THE WORK.



PCB ABATEMENT PLAN — KITCHEN & CAFETERIA
1/8" = 1'-0"
1
FIG. 5-7



No.	DATE	DESCRIPTION	DESIGNER	REVIEWER
1.				

SEAL	SEAL
------	------

SCALE:	HORZ.: 1/8" = 1'-0"
	VERT.: 1/8" = 1'-0"
DATUM:	HORZ.: 1/8" = 1'-0"
	VERT.: 1/8" = 1'-0"
1/8"	0 1/8"
GRAPHIC SCALE	

FUSS & O'NEILL
EnviroScience, LLC
146 HARTFORD ROAD
MANCHESTER, CONNECTICUT 06040
860.646.2469
www.fuss-on.com

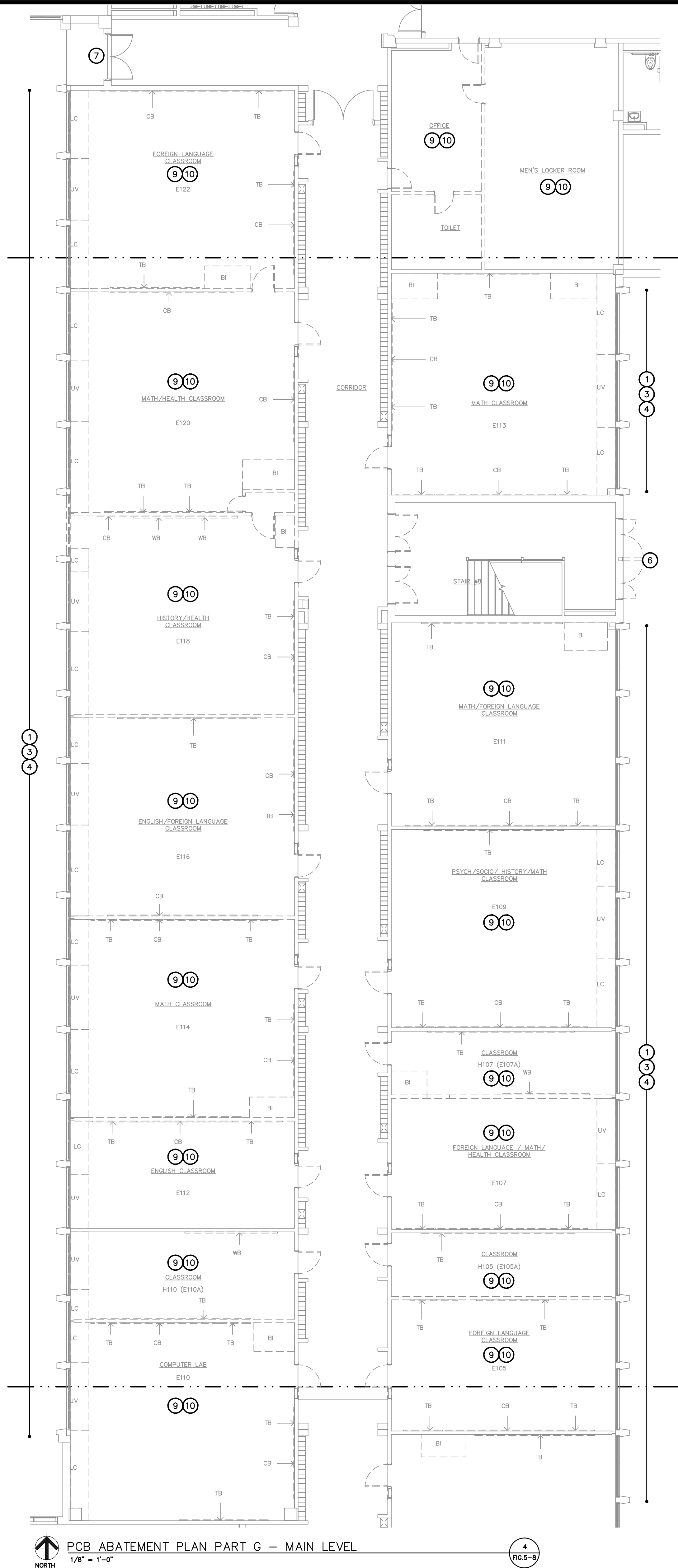
CITY OF BRIDGEPORT
MAIN LEVEL PCB ABATEMENT PLAN
KITCHEN & CAFETERIA
CENTRAL HIGH SCHOOL

1 LINCOLN BLVD.

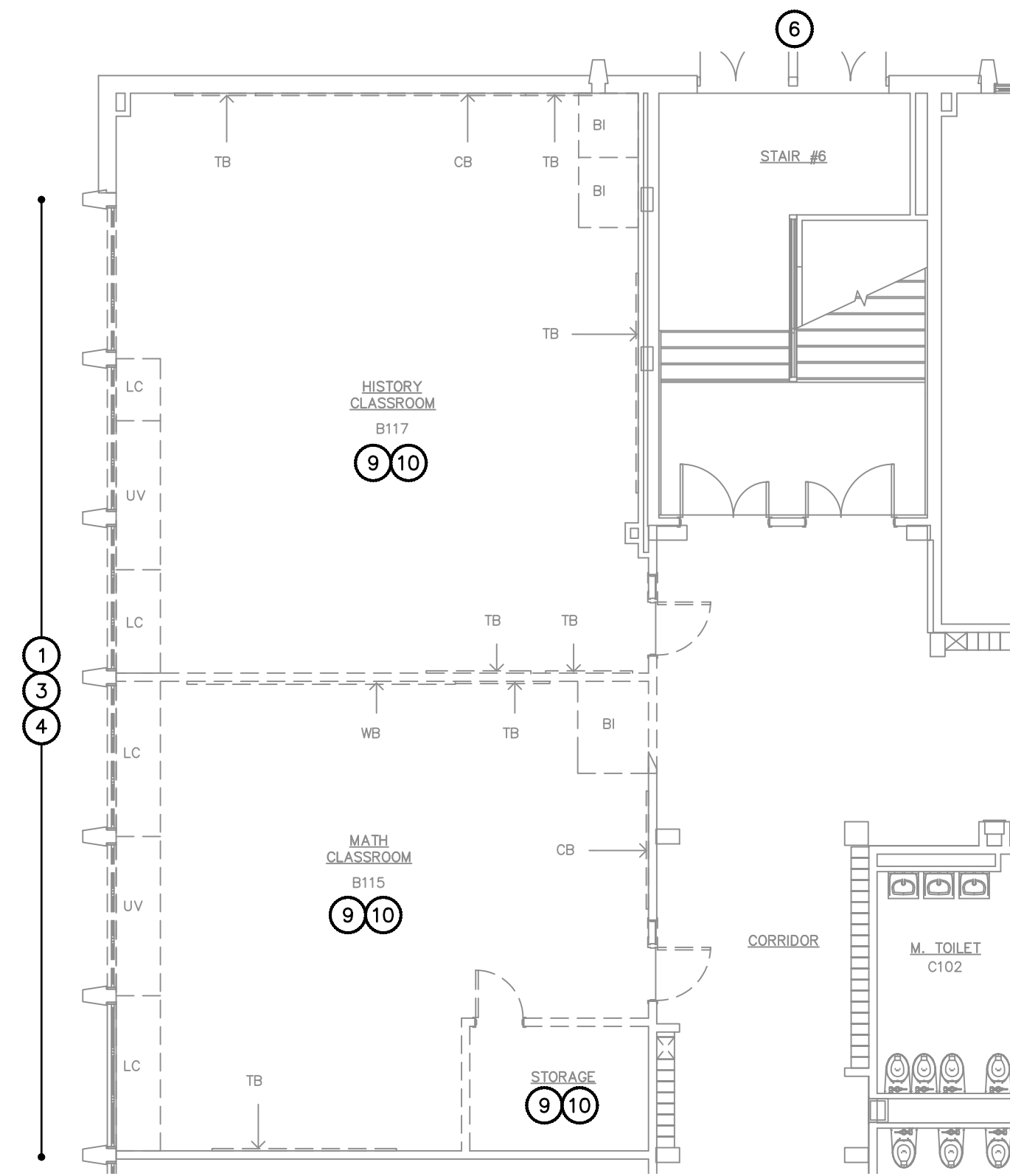
BRIDGEPORT, CONNECTICUT

PROJ. No.: 20110793.A2E DATE: SEPTEMBER 2013
FIG. 5-7

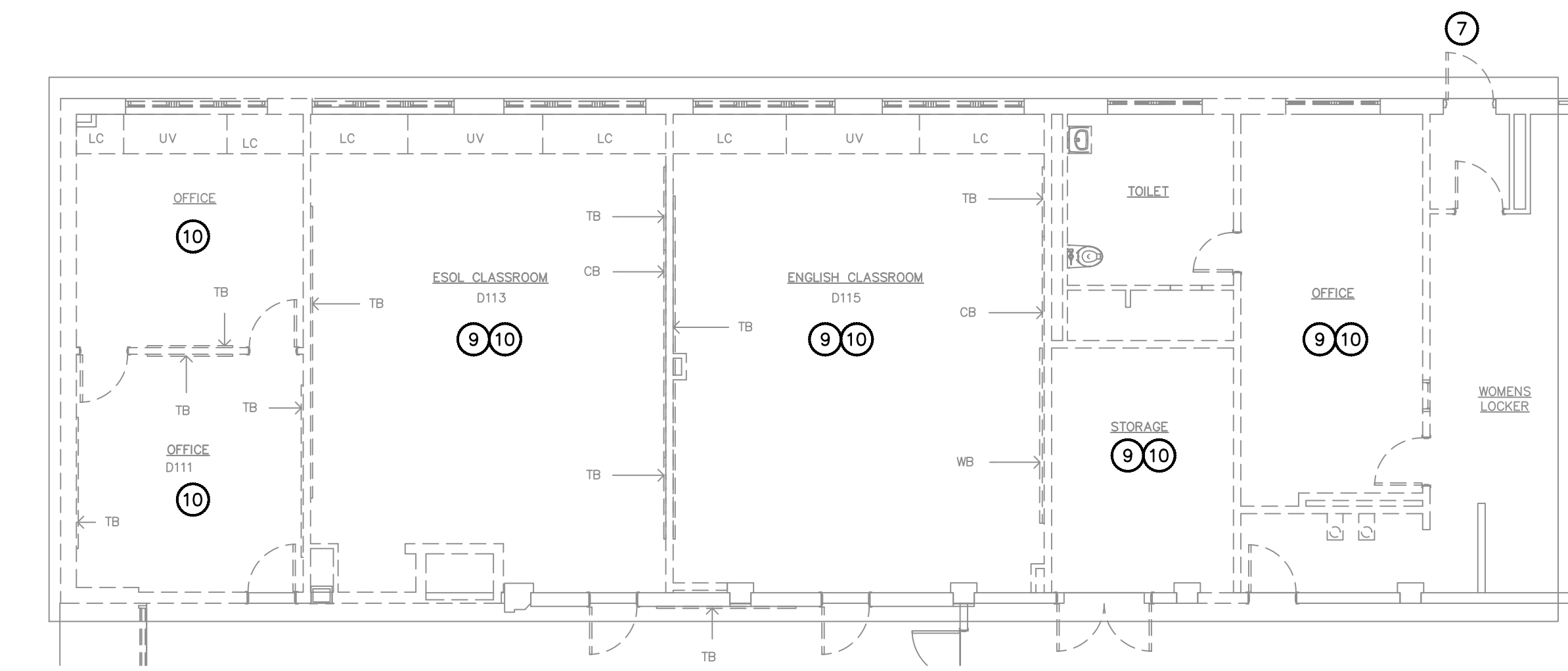
File Path: C:\Users\aron\Desktop\PCB.dwg examples\20110793A2E_PCB12_CHS_MAIN.LEV.dwg Layout: FIG-5-4 Plotted: Tue, October 01, 2013 - 10:13 AM User: arons
MS VIEW: LAYER STATE: Plotter: DWG TO PDF PC3 CTB File: FO 2008 MONO.CTB



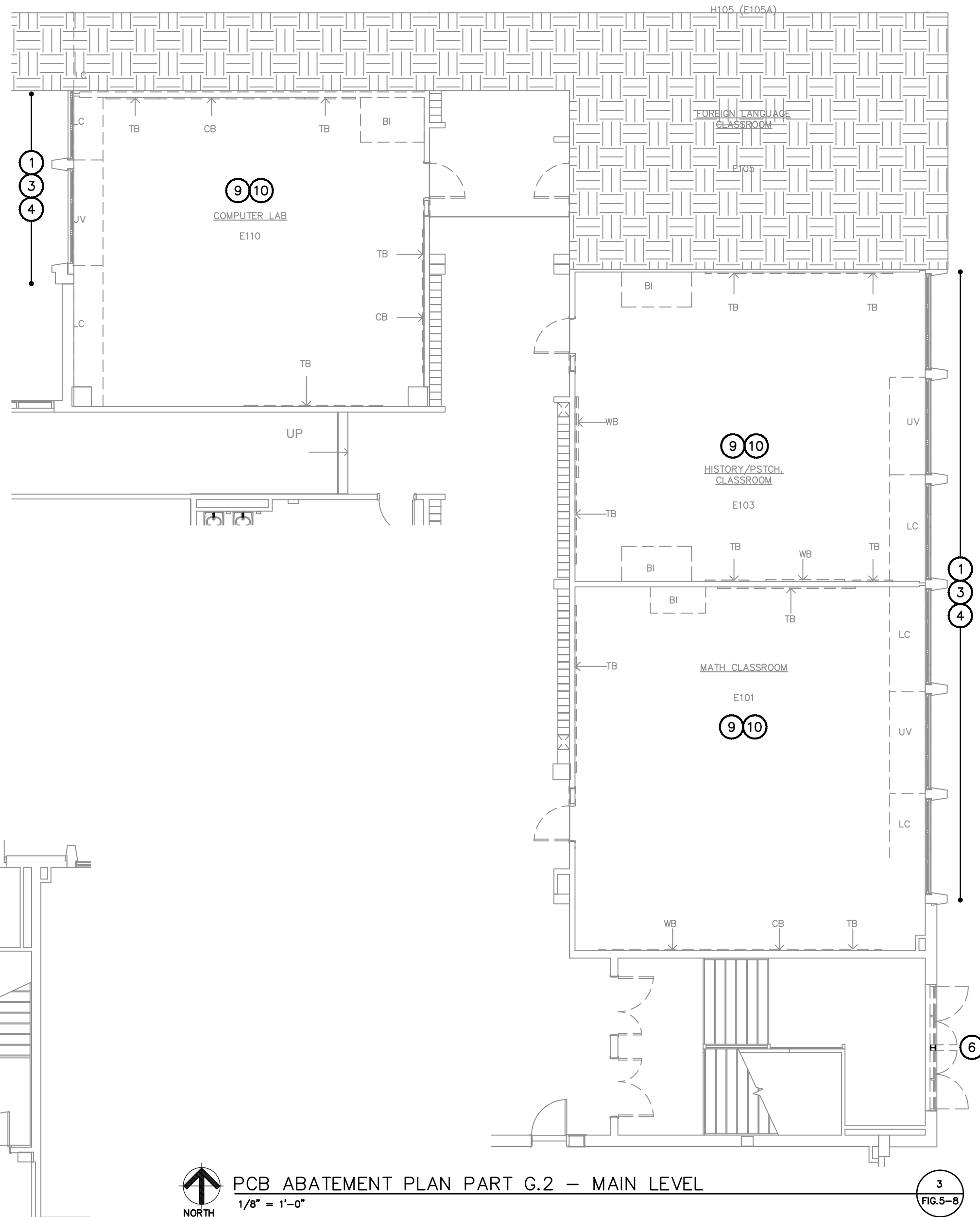
PCB ABATEMENT PLAN PART G - MAIN LEVEL
1/8" = 1'-0"



PCB ABATEMENT PLAN - MEDIA CENTER
1/8" = 1'-0"



PCB ABATEMENT PLAN - AUX GYM
1/8" = 1'-0"



PCB ABATEMENT PLAN PART G.2 - MAIN LEVEL
1/8" = 1'-0"

PCB ABATEMENT NOTES

PCB BULK PRODUCT WASTE REMOVAL

- REMOVAL AND OFF-SITE DISPOSAL OF EXTERIOR CONCRETE COLUMN/ROOFTOP COPING STONE CAULKING COMPOUNDS ASSOCIATED AS PCB BULK PRODUCT WASTE. FOLLOWING CLEANING, ENCAPSULATION OF CAULKING JOINT AND SIX INCHES OF CONTAMINATED CONCRETE ON EACH SIDE.
- REMOVAL AND OFF-SITE DISPOSAL OF EXTERIOR EXPANSION CAULKING COMPOUNDS AS PCB BULK PRODUCT WASTE. REMOVAL INCLUDES ONE COMPLETE BRICK ON EACH SIDE OF CAULKING JOINT.

PCB REMEDIATION WASTE REMOVAL

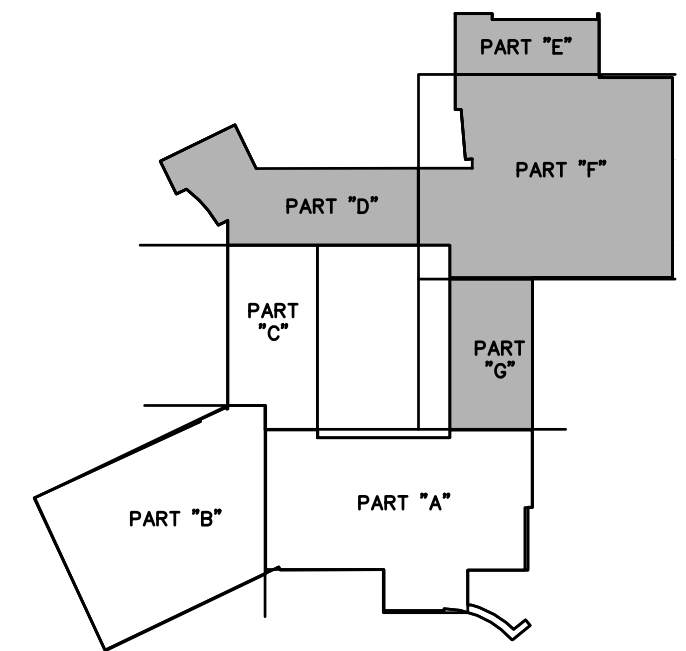
- REMOVAL AND OFF-SITE DISPOSAL OF SOIL AS PCB REMEDIATION WASTE. EXCAVATION TO DEPTHS AS NOTED IN PLAN.

<50 PPM PCB BUILDING WASTE REMOVAL

- REMOVAL AND OFF-SITE DISPOSAL OF EXTERIOR VENT CAULKING COMPOUNDS AS <50 PPM PCB BUILDING WASTE MIXED WITH ASBESTOS. REMOVAL INCLUDES EXTERIOR VENT.
- REMOVAL AND OFF-SITE DISPOSAL OF EXTERIOR AND INTERIOR WINDOW CAULKING AND GLAZING COMPOUNDS ASSOCIATED WITH OLDER SINGLE WINDOW SYSTEMS AS <50 PPM PCB BUILDING WASTE MIXED WITH ASBESTOS. REMOVAL INCLUDES WINDOW FRAME AND GLASS.
- REMOVAL AND OFF-SITE DISPOSAL OF EXTERIOR AND INTERIOR DOOR/WINDOW CAULKING AND GLAZING COMPOUNDS ASSOCIATED WITH STAIR TOWER DOOR/WINDOW SYSTEMS AS <50 PPM PCB BUILDING WASTE MIXED WITH ASBESTOS. REMOVAL INCLUDES DOOR/WINDOW FRAME AND GLASS.
- REMOVAL AND OFF-SITE DISPOSAL OF EXTERIOR DOOR CAULKING COMPOUNDS ASSOCIATED WITH OLDER SINGLE DOOR SYSTEMS AS <50 PPM PCB BUILDING WASTE MIXED WITH ASBESTOS. REMOVAL INCLUDES DOOR FRAME.
- REMOVAL AND OFF-SITE DISPOSAL OF CEILING TILES AS <50 PPM PCB BUILDING WASTE.
- REMOVAL AND OFF-SITE DISPOSAL OF BLACK MASTIC AS <50 PPM PCB BUILDING WASTE MIXED WITH ASBESTOS. REMOVAL INCLUDES FLOOR TILE.
- REMOVAL AND OFF-SITE DISPOSAL OF COVE BASE GLUE AS <50 PPM PCB BUILDING WASTE. REMOVAL INCLUDES COVE BASE.

GENERAL NOTES

- PCB ABATEMENT WORK IS TO BE PERFORMED IN ACCORDANCE WITH SPECIFICATION SECTION 028413 AS WELL AS THE SELF IMPLEMENTING ON-SITE CLEAN UP AND DISPOSAL PLAN AND ASSOCIATED APPROVAL DEVELOPED FOR THE SITE. MATERIAL MAY CONTAIN REGULATED CONCENTRATIONS OF ASBESTOS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO IDENTIFY MATERIALS THAT CONTAIN ASBESTOS AND REMOVE AND DISPOSE OF THE ACM/PCB MATERIALS IN ACCORDANCE WITH ALL FEDERAL AND STATE REGULATIONS. ASBESTOS ABATEMENT WORK IS TO BE PERFORMED IN ACCORDANCE WITH SPECIFICATION SECTION 028213.
- THIS PROJECT INCLUDES MULTIPLE MOBILIZATIONS AND CONTAINMENTS.
- THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING WATER, LIGHTS, HEAT, AND POWER AT THE SITE AS NECESSARY TO PERFORM THE WORK.



No.	DATE	DESCRIPTION	DESIGNER	REVIEWER
1.				

SEAL	SEAL

SCALE:	
HORIZ.: 1/8" = 1'-0"	
VERT.: 1/8" = 1'-0"	
DATUM:	
HORIZ.: 1/8" = 1'-0"	
VERT.: 1/8" = 1'-0"	
GRAPHIC SCALE	



FUSS & O'NEILL
EnviroScience, LLC
146 HARTFORD ROAD
MANCHESTER, CONNECTICUT 06040
860.646.2469
www.fuss-on.com

CITY OF BRIDGEPORT
MAIN LEVEL PCB ABATEMENT PLAN
CENTRAL HIGH SCHOOL

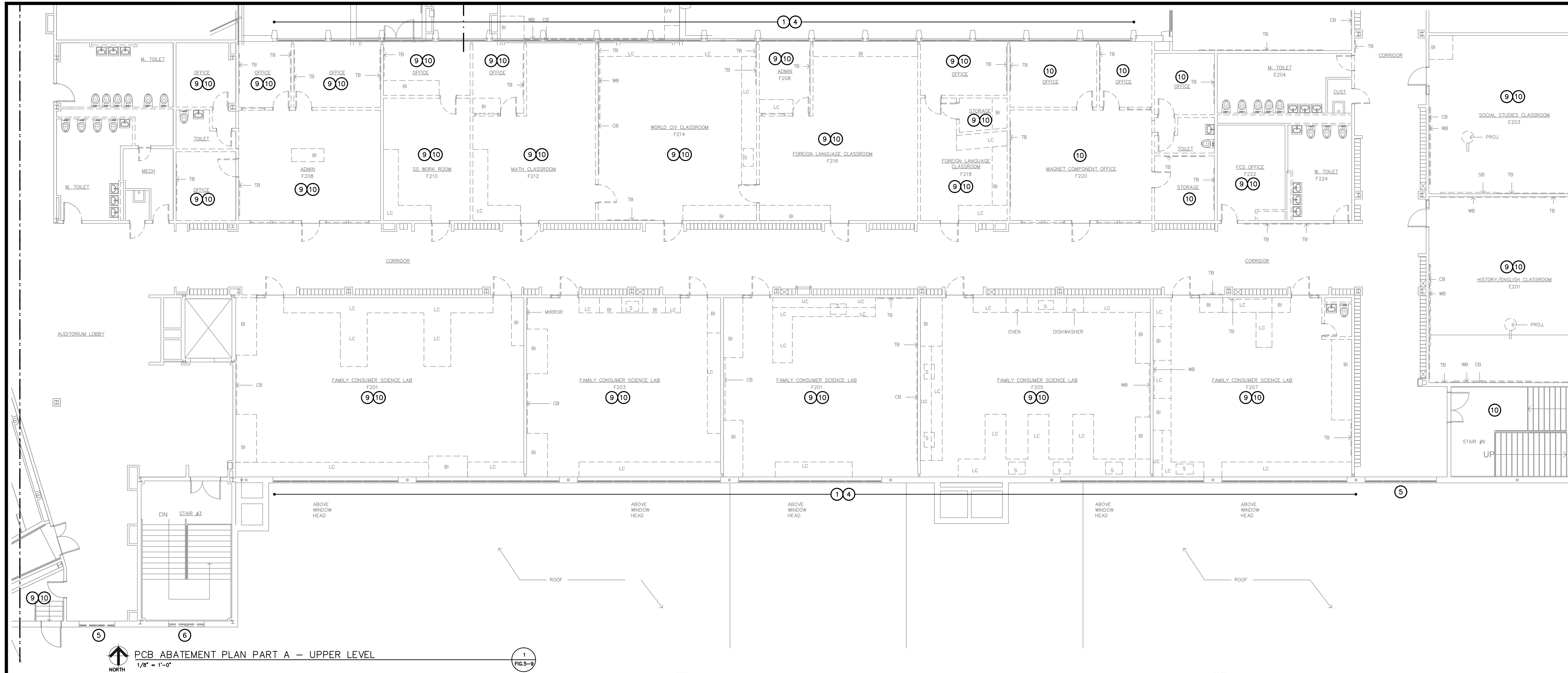
1 LINCOLN BLVD.

BRIDGEPORT, CONNECTICUT

PROJ. No.: 20110793.A2E
DATE: SEPTEMBER 2013

FIG. 5-8

File Path: C:\Users\rona\Desktop\PCB dwg examples\20110793A2E_PCB13_UP_LEV.dwg Layout: FIGS 9-9 Plotted: Tue, October 01, 2013 - 10:14 AM User: stons
MS VIEW: [] Plotter: DWG TO PDF PC3 CTB File: FO 2008 MONO.CTB
LAYER STATE: []



PCB ABATEMENT NOTES

PCB BULK PRODUCT WASTE REMOVAL

- 1 REMOVAL AND OFF-SITE DISPOSAL OF EXTERIOR CONCRETE COLUMN/ROOFTOP COPING STONE CAULKING COMPOUNDS ASSOCIATED AS PCB BULK PRODUCT WASTE. FOLLOWING CLEANING, ENCAPSULATION OF CAULKING JOINT AND SIX INCHES OF CONTAMINATED CONCRETE ON EACH SIDE.
- 2 REMOVAL AND OFF-SITE DISPOSAL OF EXTERIOR EXPANSION CAULKING COMPOUNDS AS PCB BULK PRODUCT WASTE. REMOVAL INCLUDES ONE COMPLETE BRICK ON EACH SIDE OF CAULKING JOINT.

PCB REMEDIATION WASTE REMOVAL

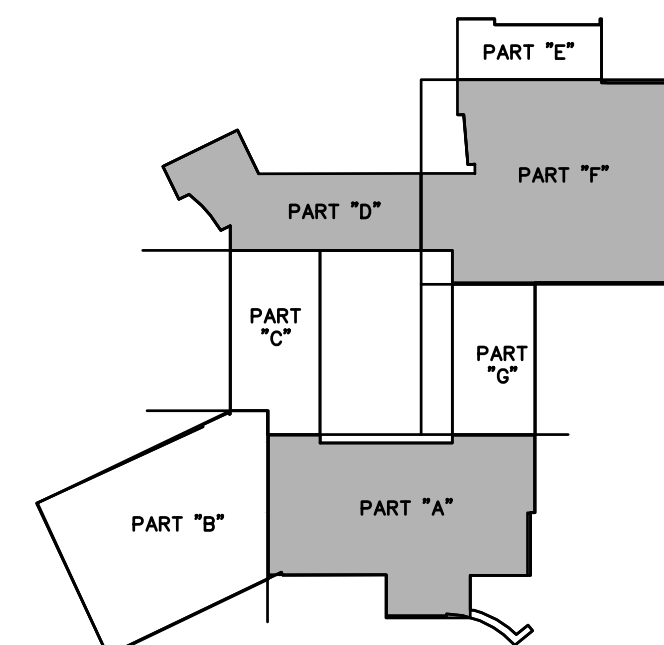
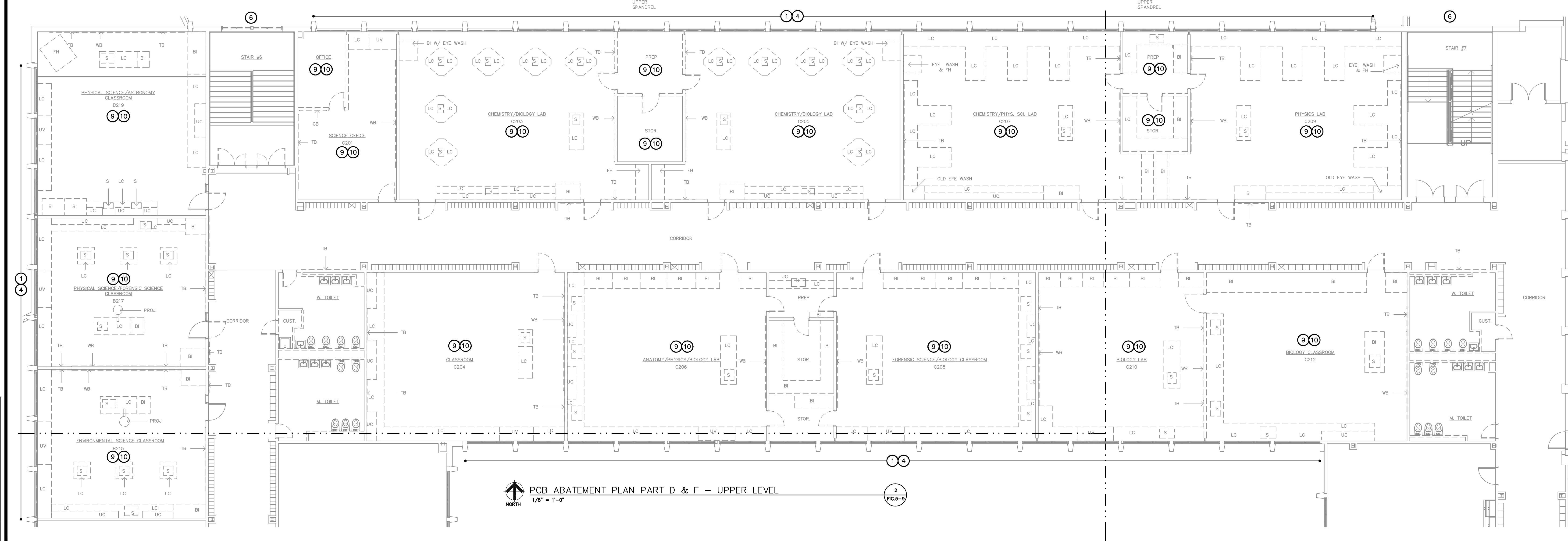
- 3 REMOVAL AND OFF-SITE DISPOSAL OF SOIL AS PCB REMEDIATION WASTE. EXCAVATION TO DEPTHS AS NOTED IN PLAN.

<50 PPM PCB BUILDING WASTE REMOVAL

- 4 REMOVAL AND OFF-SITE DISPOSAL OF EXTERIOR VENT CAULKING COMPOUNDS AS <50 PPM PCB BUILDING WASTE MIXED WITH ASBESTOS. REMOVAL INCLUDES EXTERIOR VENT.
- 5 REMOVAL AND OFF-SITE DISPOSAL OF EXTERIOR AND INTERIOR WINDOW CAULKING AND GLAZING COMPOUNDS ASSOCIATED WITH OLDER SINGLE WINDOW SYSTEMS AS <50 PPM PCB BUILDING WASTE MIXED WITH ASBESTOS. REMOVAL INCLUDES WINDOW FRAME AND GLASS.
- 6 REMOVAL AND OFF-SITE DISPOSAL OF EXTERIOR AND INTERIOR DOOR/WINDOW CAULKING AND GLAZING COMPOUNDS ASSOCIATED WITH STAIR TOWER DOOR/WINDOW SYSTEMS AS <50 PPM PCB BUILDING WASTE MIXED WITH ASBESTOS. REMOVAL INCLUDES DOOR/WINDOW FRAME AND GLASS.
- 7 REMOVAL AND OFF-SITE DISPOSAL OF EXTERIOR DOOR CAULKING COMPOUNDS ASSOCIATED WITH OLDER SINGLE DOOR SYSTEMS AS <50 PPM PCB BUILDING WASTE MIXED WITH ASBESTOS. REMOVAL INCLUDES DOOR FRAME.
- 8 REMOVAL AND OFF-SITE DISPOSAL OF CEILING TILES AS <50 PPM PCB BUILDING WASTE.
- 9 REMOVAL AND OFF-SITE DISPOSAL OF BLACK MASTIC AS <50 PPM PCB BUILDING WASTE MIXED WITH ASBESTOS. REMOVAL INCLUDES FLOOR TILE.
- 10 REMOVAL AND OFF-SITE DISPOSAL OF COVE BASE GLUE AS <50 PPM PCB BUILDING WASTE. REMOVAL INCLUDES COVE BASE.

GENERAL NOTES

1. PCB ABATEMENT WORK IS TO BE PERFORMED IN ACCORDANCE WITH SPECIFICATION SECTION 028413 AS WELL AS THE SELF IMPLEMENTING ONSITE CLEAN UP AND DISPOSAL PLAN AND ASSOCIATED APPROVAL DEVELOPED FOR THE SITE. MATERIAL MAY CONTAIN REGULATED CONCENTRATIONS OF ASBESTOS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO IDENTIFY MATERIALS THAT CONTAIN ASBESTOS AND REMOVE AND DISPOSE OF THE ACM/PCB MATERIALS IN ACCORDANCE WITH ALL FEDERAL AND STATE REGULATIONS. ASBESTOS ABATEMENT WORK IS TO BE PERFORMED IN ACCORDANCE WITH SPECIFICATION SECTION 028213.
2. THIS PROJECT INCLUDES MULTIPLE MOBILIZATIONS AND CONTAINMENTS.
3. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING WATER, LIGHTS, HEAT, AND POWER AT THE SITE AS NECESSARY TO PERFORM THE WORK.



No.	DATE	DESCRIPTION	DESIGNER	REVIEWER
1.				

SEAL	SEAL

SCALE:	
HORZ.: 1/8" = 1'-0"	
VERT.: 1/8" = 1'-0"	
DATUM:	
HORZ.: 1/8" = 1'-0"	
VERT.: 1/8" = 1'-0"	
GRAPHIC SCALE	



FUSS & O'NEILL
EnviroScience, LLC
146 HARTFORD ROAD
MANCHESTER, CONNECTICUT 06040
860.646.2469
www.fandoh.com

CITY OF BRIDGEPORT
UPPER LEVEL PCB ABATEMENT PLAN
PART A, D, & F
CENTRAL HIGH SCHOOL

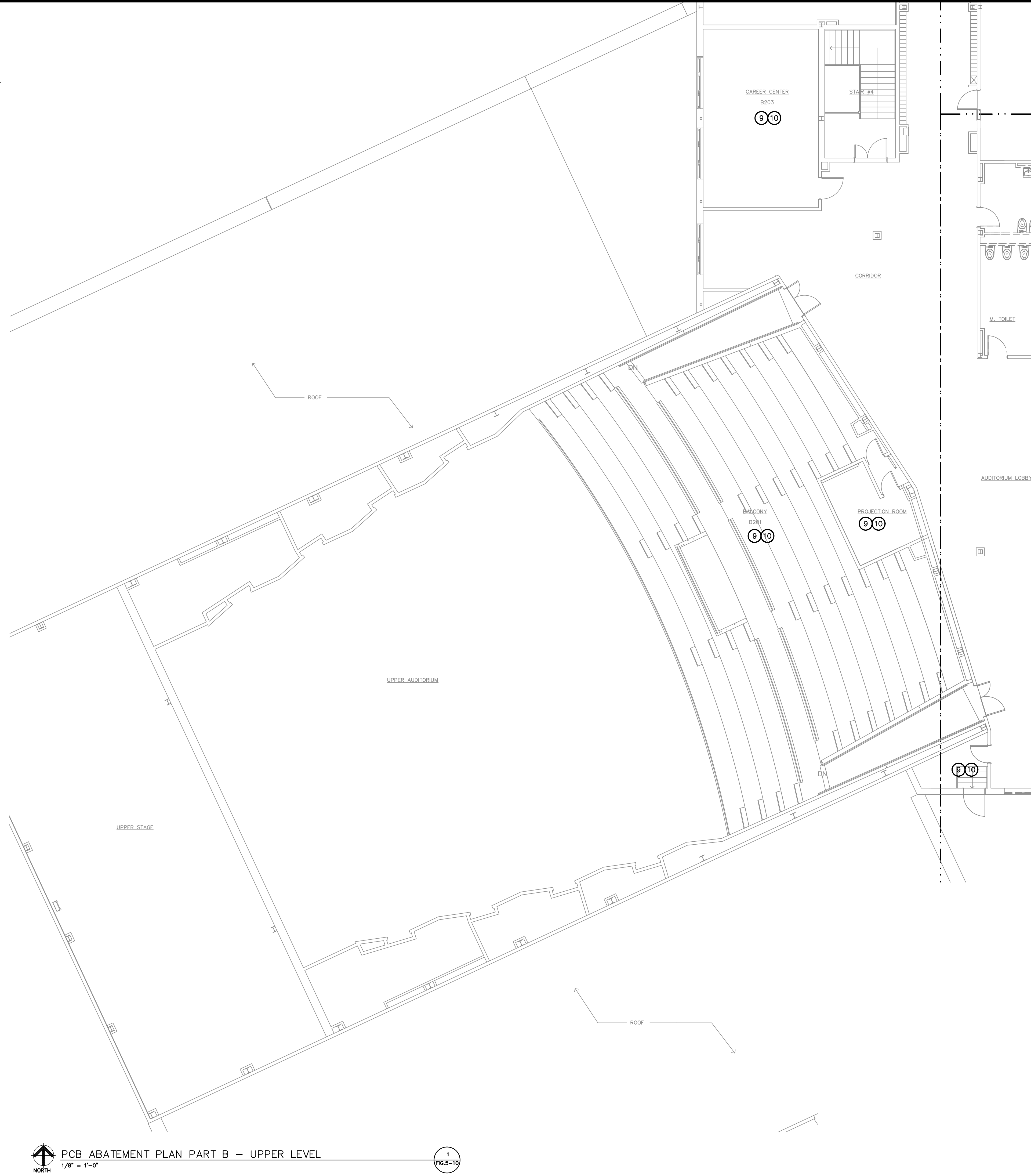
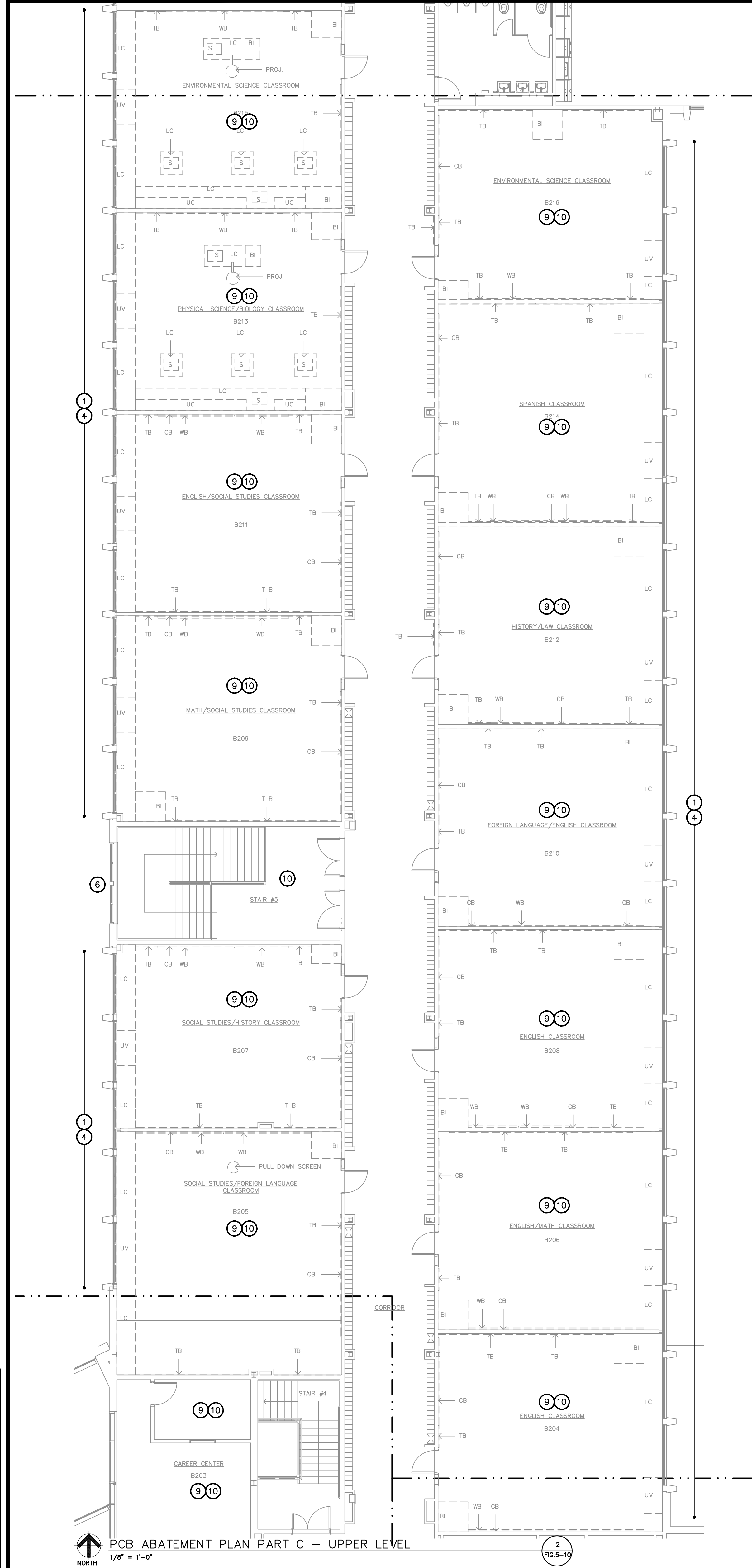
1 LINCOLN BLVD.

BRIDGEPORT, CONNECTICUT

PROJ. No.: 20110793.A2E
DATE: SEPTEMBER 2013

FIG. 5-9

File Path: C:\Users\aron\Desktop\PCB.dwg examples\20110793A2E_PCB13_CHS_UP_LEV.dwg Layout: FIGS-10 Plotted: Tue, October 01, 2013 - 10:08 AM User: arons
MS VIEW: Plotter: DWG TO PDF PC3 CTB File: FO 2008 MONO.CTB LAYER STATE:



PCB ABATEMENT NOTES

PCB BULK PRODUCT WASTE REMOVAL

1. REMOVAL AND OFF-SITE DISPOSAL OF EXTERIOR CONCRETE COLUMN/ROOFTOP COPING STONE CAULKING COMPOUNDS ASSOCIATED AS PCB BULK PRODUCT WASTE. FOLLOWING CLEANING, ENCAPSULATION OF CAULKING JOINT AND SIX INCHES OF CONTAMINATED CONCRETE ON EACH SIDE.
2. REMOVAL AND OFF-SITE DISPOSAL OF EXTERIOR EXPANSION CAULKING COMPOUNDS AS PCB BULK PRODUCT WASTE. REMOVAL INCLUDES ONE COMPLETE BRICK ON EACH SIDE OF CAULKING JOINT.

PCB REMEDIATION WASTE REMOVAL

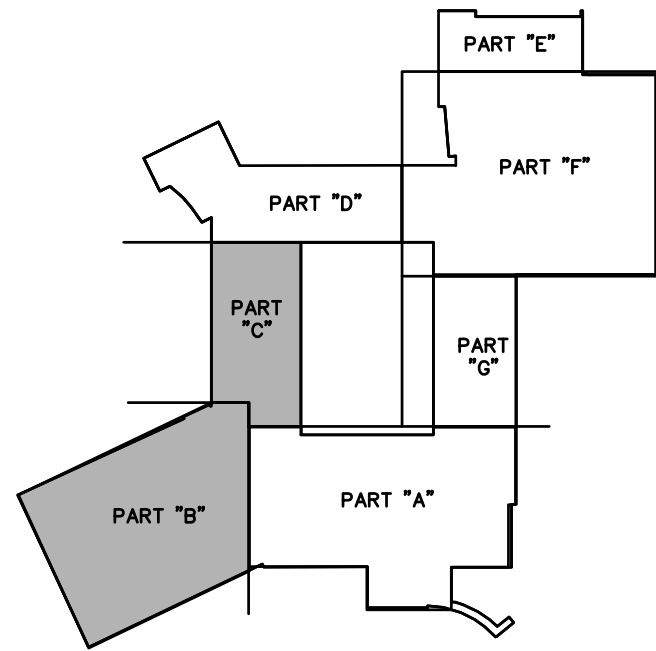
3. REMOVAL AND OFF-SITE DISPOSAL OF SOIL AS PCB REMEDIATION WASTE. EXCAVATION TO DEPTHS AS NOTED IN PLAN.

<50 PPM PCB BUILDING WASTE REMOVAL

4. REMOVAL AND OFF-SITE DISPOSAL OF EXTERIOR VENT CAULKING COMPOUNDS AS <50 PPM PCB BUILDING WASTE MIXED WITH ASBESTOS. REMOVAL INCLUDES EXTERIOR VENT.
5. REMOVAL AND OFF-SITE DISPOSAL OF EXTERIOR AND INTERIOR WINDOW CAULKING AND GLAZING COMPOUNDS ASSOCIATED WITH OLDER SINGLE WINDOW SYSTEMS AS <50 PPM PCB BUILDING WASTE MIXED WITH ASBESTOS. REMOVAL INCLUDES WINDOW FRAME AND GLASS.
6. REMOVAL AND OFF-SITE DISPOSAL OF EXTERIOR AND INTERIOR DOOR/WINDOW CAULKING AND GLAZING COMPOUNDS ASSOCIATED WITH STAIR TOWER DOOR/WINDOW SYSTEMS AS <50 PPM PCB BUILDING WASTE MIXED WITH ASBESTOS. REMOVAL INCLUDES DOOR/WINDOW FRAME AND GLASS.
7. REMOVAL AND OFF-SITE DISPOSAL OF EXTERIOR DOOR CAULKING COMPOUNDS ASSOCIATED WITH OLDER SINGLE DOOR SYSTEMS AS <50 PPM PCB BUILDING WASTE MIXED WITH ASBESTOS. REMOVAL INCLUDES DOOR FRAME.
8. REMOVAL AND OFF-SITE DISPOSAL OF CEILING TILES AS <50 PPM PCB BUILDING WASTE.
9. REMOVAL AND OFF-SITE DISPOSAL OF BLACK MASTIC AS <50 PPM PCB BUILDING WASTE MIXED WITH ASBESTOS. REMOVAL INCLUDES FLOOR TILE.
10. REMOVAL AND OFF-SITE DISPOSAL OF COVE BASE GLUE AS <50 PPM PCB BUILDING WASTE. REMOVAL INCLUDES COVE BASE.

GENERAL NOTES

1. PCB ABATEMENT WORK IS TO BE PERFORMED IN ACCORDANCE WITH SPECIFICATION SECTION 028413 AS WELL AS THE SELF IMPLEMENTING ONSITE CLEAN UP AND DISPOSAL PLAN AND ASSOCIATED APPROVAL DEVELOPED FOR THE SITE. MATERIAL MAY CONTAIN REGULATED CONCENTRATIONS OF ASBESTOS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO IDENTIFY MATERIALS THAT CONTAIN ASBESTOS AND REMOVE AND DISPOSE OF THE ACM/PCB MATERIALS IN ACCORDANCE WITH ALL FEDERAL AND STATE REGULATIONS. ASBESTOS ABATEMENT WORK IS TO BE PERFORMED IN ACCORDANCE WITH SPECIFICATION SECTION 028213.
2. THIS PROJECT INCLUDES MULTIPLE MOBILIZATIONS AND CONTAINMENTS.
3. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING WATER, LIGHTS, HEAT, AND POWER AT THE SITE AS NECESSARY TO PERFORM THE WORK.



No.	DATE	DESCRIPTION	DESIGNER	REVIEWER
1.				

SEAL	SEAL
------	------

--	--

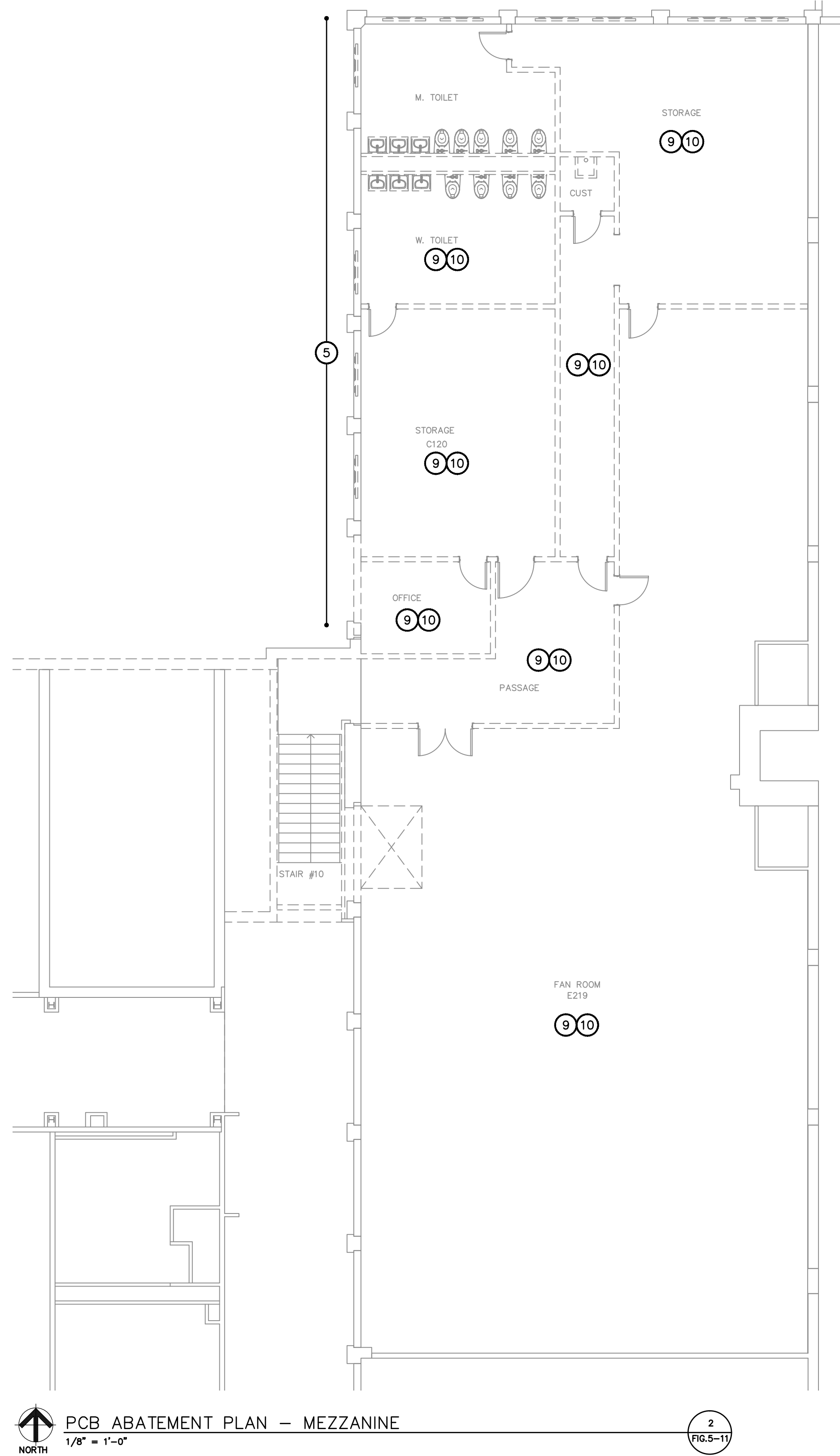
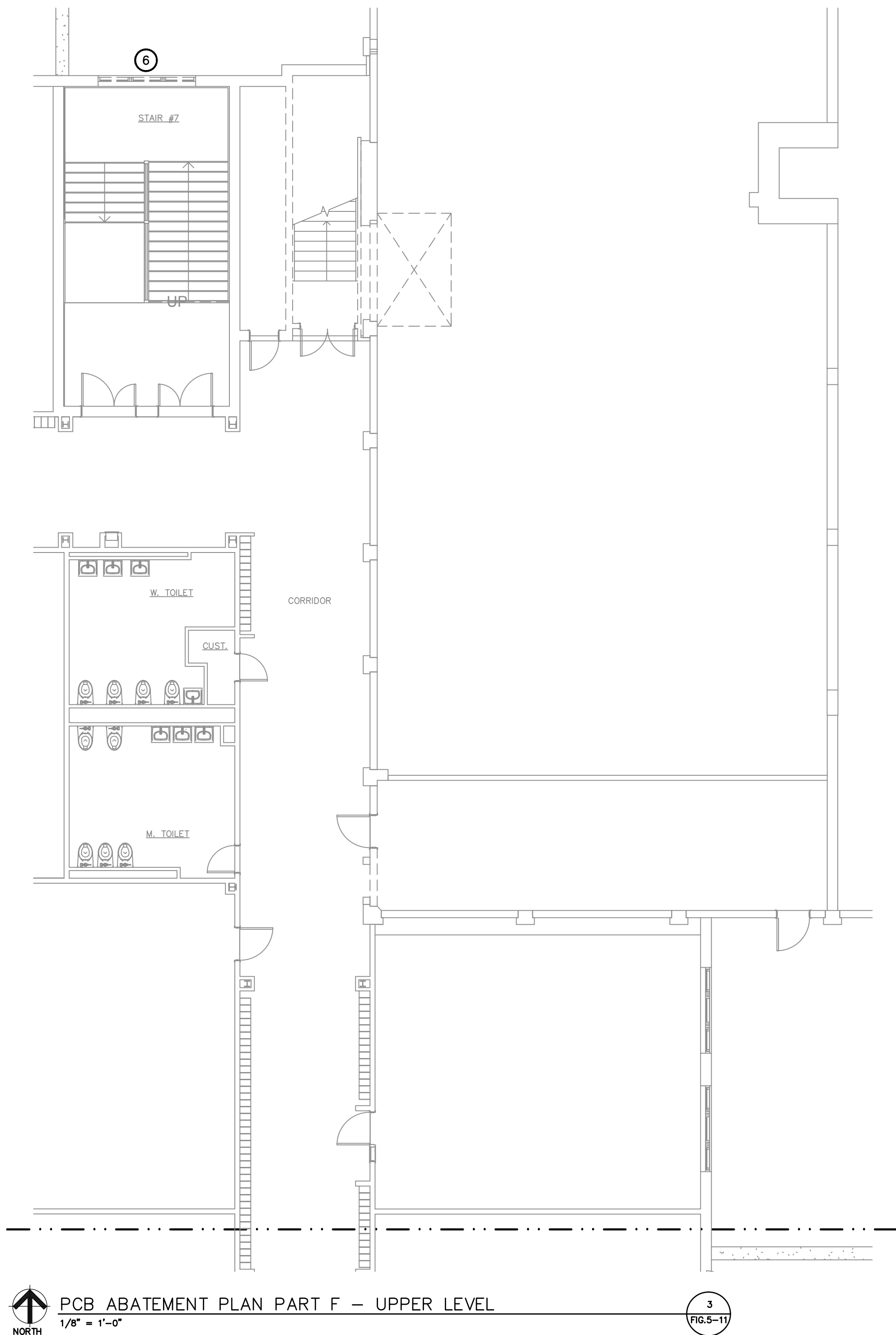
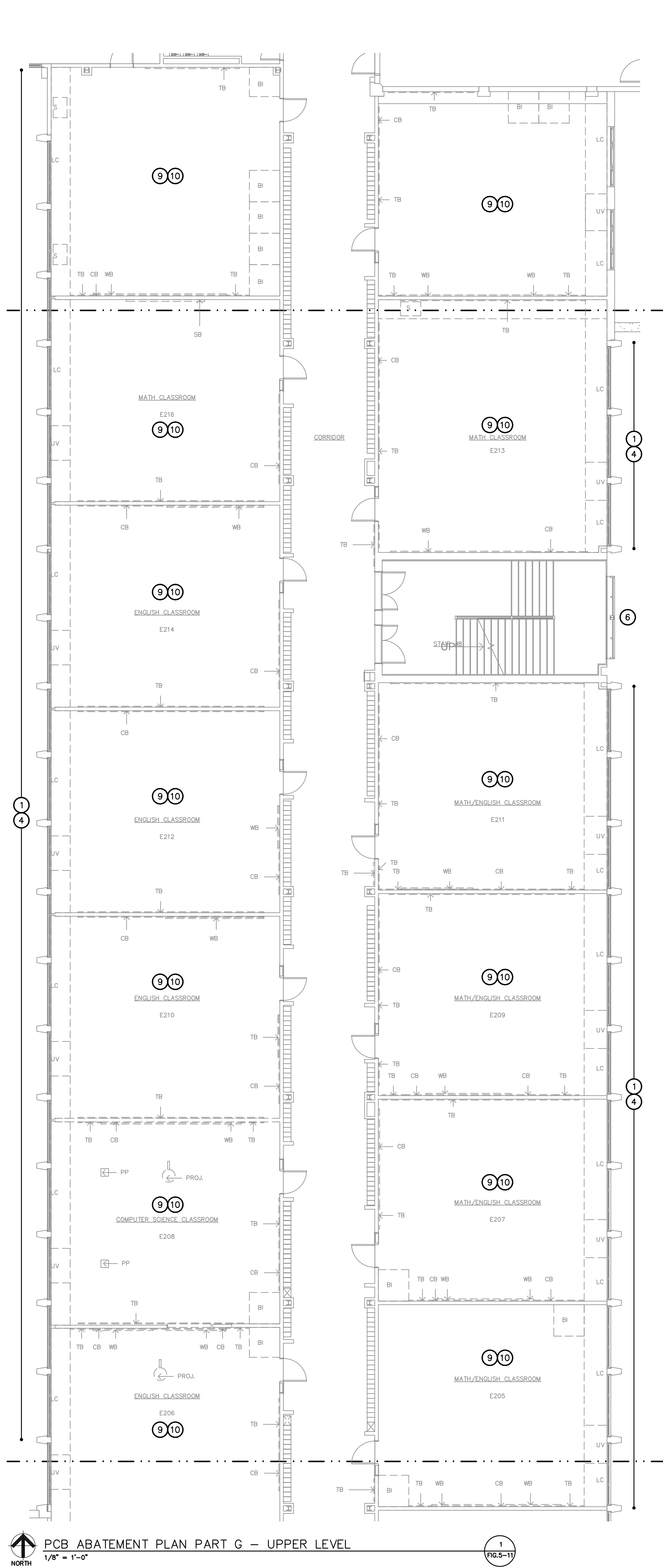
SCALE:	HORIZ.: 1/8" = 1'-0"
DATUM:	VERT.: 1/8" = 1'-0"
GRAPHIC SCALE	1/8" 0 1/8"

FUSS & O'NEILL
EnviroScience, LLC
146 HARTFORD ROAD
MANCHESTER, CONNECTICUT 06040
860.646.2469
www.fuss.com

CITY OF BRIDGEPORT
UPPER LEVEL PCB ABATEMENT PLAN
PART B & G
CENTRAL HIGH SCHOOL
BRIDGEPORT, CONNECTICUT

PROJ. No.: 20110793.A2E
DATE: SEPTEMBER 2013
FIG. 5-10

File Path: C:\Users\aroma\Desktop\PCB dwg examples\20110793A2E_PCB13_CHS_UP_LEV.dwg Layout: FIGS-11 Plotter: Tue, October 01, 2013 - 10:09 AM User: arons
MS VIEW: LAYER STATE: Plotter: DWG TO PDF PC3 CTB File: FO 2008 MONO.CTB



PCB ABATEMENT NOTES

PCB BULK PRODUCT WASTE REMOVAL

- 1 REMOVAL AND OFF-SITE DISPOSAL OF EXTERIOR CONCRETE COLUMN/ROOFTOP COPING STONE CAULKING COMPOUNDS ASSOCIATED AS PCB BULK PRODUCT WASTE. FOLLOWING CLEANING, ENCAPSULATION OF CAULKING JOINT AND SIX INCHES OF CONTAMINATED CONCRETE ON EACH SIDE.
- 2 REMOVAL AND OFF-SITE DISPOSAL OF EXTERIOR EXPANSION CAULKING COMPOUNDS AS PCB BULK PRODUCT WASTE. REMOVAL INCLUDES ONE COMPLETE BRICK ON EACH SIDE OF CAULKING JOINT.

PCB REMEDIATION WASTE REMOVAL

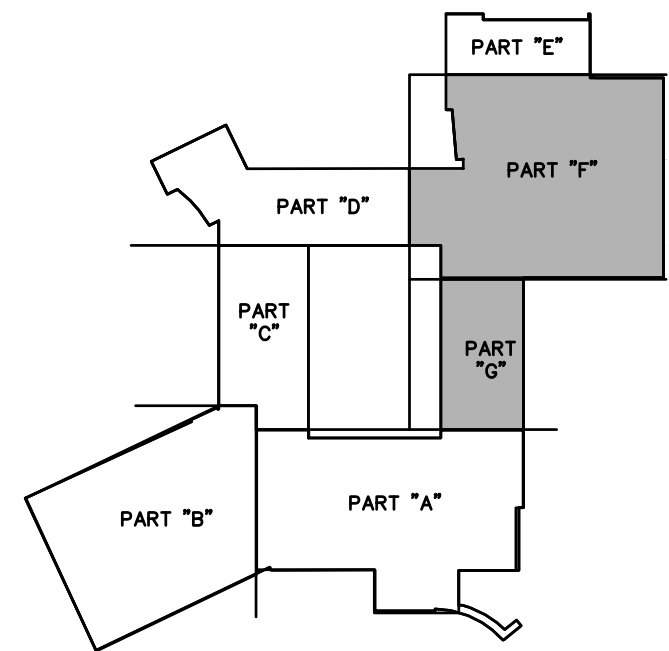
- 3 REMOVAL AND OFF-SITE DISPOSAL OF SOIL AS PCB REMEDIATION WASTE. EXCAVATION TO DEPTHS AS NOTED IN PLAN.

<50 PPM PCB BUILDING WASTE REMOVAL

- 4 REMOVAL AND OFF-SITE DISPOSAL OF EXTERIOR VENT CAULKING COMPOUNDS AS <50 PPM PCB BUILDING WASTE MIXED WITH ASBESTOS. REMOVAL INCLUDES EXTERIOR VENT.
- 5 REMOVAL AND OFF-SITE DISPOSAL OF EXTERIOR AND INTERIOR WINDOW CAULKING AND GLAZING COMPOUNDS ASSOCIATED WITH OLDER SINGLE WINDOW SYSTEMS AS <50 PPM PCB BUILDING WASTE MIXED WITH ASBESTOS. REMOVAL INCLUDES WINDOW FRAME AND GLASS.
- 6 REMOVAL AND OFF-SITE DISPOSAL OF EXTERIOR AND INTERIOR DOOR/WINDOW CAULKING AND GLAZING COMPOUNDS ASSOCIATED WITH STAIR TOWER DOOR/WINDOW SYSTEMS AS <50 PPM PCB BUILDING WASTE MIXED WITH ASBESTOS. REMOVAL INCLUDES DOOR/WINDOW FRAME AND GLASS.
- 7 REMOVAL AND OFF-SITE DISPOSAL OF EXTERIOR DOOR CAULKING COMPOUNDS ASSOCIATED WITH OLDER SINGLE DOOR SYSTEMS AS <50 PPM PCB BUILDING WASTE MIXED WITH ASBESTOS. REMOVAL INCLUDES DOOR FRAME.
- 8 REMOVAL AND OFF-SITE DISPOSAL OF CEILING TILES AS <50 PPM PCB BUILDING WASTE.
- 9 REMOVAL AND OFF-SITE DISPOSAL OF BLACK MASTIC AS <50 PPM PCB BUILDING WASTE MIXED WITH ASBESTOS. REMOVAL INCLUDES FLOOR TILE.
- 10 REMOVAL AND OFF-SITE DISPOSAL OF COVE BASE GLUE AS <50 PPM PCB BUILDING WASTE. REMOVAL INCLUDES COVE BASE.

GENERAL NOTES

1. PCB ABATEMENT WORK IS TO BE PERFORMED IN ACCORDANCE WITH SPECIFICATION SECTION 028413 AS WELL AS THE SELF IMPLEMENTING ONSITE CLEAN UP AND DISPOSAL PLAN AND ASSOCIATED APPROVAL DEVELOPED FOR THE SITE. MATERIAL MAY CONTAIN REGULATED CONCENTRATIONS OF ASBESTOS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO IDENTIFY MATERIALS THAT CONTAIN ASBESTOS AND REMOVE AND DISPOSE OF THE ACM/PCB MATERIALS IN ACCORDANCE WITH ALL FEDERAL AND STATE REGULATIONS. ASBESTOS ABATEMENT WORK IS TO BE PERFORMED IN ACCORDANCE WITH SPECIFICATION SECTION 028213.
2. THIS PROJECT INCLUDES MULTIPLE MOBILIZATIONS AND CONTAINMENTS.
3. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING WATER, LIGHTS, HEAT, AND POWER AT THE SITE AS NECESSARY TO PERFORM THE WORK.



No.	DATE	DESCRIPTION	DESIGNER	REVIEWER
1.				

SEAL	SEAL
------	------

SCALE:	HORZ.: 1/8" = 1'-0"
VERT.:	
DATUM:	
HORZ.:	
VERT.:	
GRAPHIC SCALE	1/8" 0 1/8"

FUSS & O'NEILL
EnviroScience, LLC
146 HARTFORD ROAD
MANCHESTER, CONNECTICUT 06040
860.646.2469
www.fuss.com

CITY OF BRIDGEPORT
UPPER LEVEL PCB ABATEMENT PLAN
PART G & F, MEZZANINE PART F
CENTRAL HIGH SCHOOL

1 LINCOLN BLVD.

BRIDGEPORT, CONNECTICUT

PROJ. No.: 20110793A2E
DATE: SEPTEMBER 2013
FIG. 5-11

Appendix A

Laboratory Analysis and Chain of Custody Source Materials - Bulk



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 12, 2012

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: KM
Received by: LB
Analyzed by: see "By" below

Date Time

04/02/12 0:00
04/03/12 16:05

Laboratory Data

SDG ID: GBB61332
Phoenix ID: BB61332

Project ID: CENTRAL HIGH SCHOOL
Client ID: 2012-0403-0926 BR-EEC-01A

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	04/03/12			E160.3
Caulk Extraction for PCB	Completed			04/03/12		BC/K	SW3540C
<u>PCB (Soxhlet)</u>							
PCB-1016	ND	4000	mg/kg	04/08/12		AW	3540C/8082
PCB-1221	ND	4000	mg/kg	04/08/12		AW	3540C/8082
PCB-1232	ND	4000	mg/kg	04/08/12		AW	3540C/8082
PCB-1242	ND	4000	mg/kg	04/08/12		AW	3540C/8082
PCB-1248	4400	4000	mg/kg	04/08/12		AW	3540C/8082
PCB-1254	ND	4000	mg/kg	04/08/12		AW	3540C/8082
PCB-1260	ND	4000	mg/kg	04/08/12		AW	3540C/8082
PCB-1262	ND	4000	mg/kg	04/08/12		AW	3540C/8082
PCB-1268	ND	4000	mg/kg	04/08/12		AW	3540C/8082
<u>QA/QC Surrogates</u>							
% DCBP	Diluted Out		%	04/08/12		AW	30 - 150 %
% TCMX	Diluted Out		%	04/08/12		AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 2012-0403-0926 BR-EEC-01A

Phoenix I.D.: BB61332

Parameter	Result	RL	Units	Date	Time	By	Reference
-----------	--------	----	-------	------	------	----	-----------

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

April 12, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 12, 2012

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: KM
Received by: LB
Analyzed by: see "By" below

Date Time

04/02/12 0:00
04/03/12 16:05

Laboratory Data

SDG ID: GBB61332
Phoenix ID: BB61333

Project ID: CENTRAL HIGH SCHOOL
Client ID: 2012-0403-0926 CN-ECC-01A

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	04/03/12			E160.3
Caulk Extraction for PCB	Completed			04/03/12		BC/K	SW3540C
<u>PCB (Soxhlet)</u>							
PCB-1016	ND	3800	mg/kg	04/08/12		AW	3540C/8082
PCB-1221	ND	3800	mg/kg	04/08/12		AW	3540C/8082
PCB-1232	ND	3800	mg/kg	04/08/12		AW	3540C/8082
PCB-1242	ND	3800	mg/kg	04/08/12		AW	3540C/8082
PCB-1248	8400	3800	mg/kg	04/08/12		AW	3540C/8082
PCB-1254	ND	3800	mg/kg	04/08/12		AW	3540C/8082
PCB-1260	ND	3800	mg/kg	04/08/12		AW	3540C/8082
PCB-1262	ND	3800	mg/kg	04/08/12		AW	3540C/8082
PCB-1268	ND	3800	mg/kg	04/08/12		AW	3540C/8082
<u>QA/QC Surrogates</u>							
% DCBP	Diluted Out		%	04/08/12		AW	30 - 150 %
% TCMX	Diluted Out		%	04/08/12		AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 2012-0403-0926 CN-ECC-01A

Phoenix I.D.: BB61333

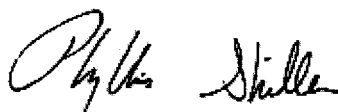
Parameter	Result	RL	Units	Date	Time	By	Reference
-----------	--------	----	-------	------	------	----	-----------

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

April 12, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 12, 2012

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: KM
Received by: LB
Analyzed by: see "By" below

Date Time
04/02/12 0:00
04/03/12 16:05

Laboratory Data

SDG ID: GBB61332
Phoenix ID: BB61334

Project ID: CENTRAL HIGH SCHOOL
Client ID: 2012-0403-0926 CN-ECC-01B

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	04/03/12			E160.3
Caulk Extraction for PCB	Completed			04/03/12		BC/K	SW3540C
<u>PCB (Soxhlet)</u>							
PCB-1016	ND	3700	mg/kg	04/09/12		AW	3540C/8082
PCB-1221	ND	3700	mg/kg	04/09/12		AW	3540C/8082
PCB-1232	ND	3700	mg/kg	04/09/12		AW	3540C/8082
PCB-1242	ND	3700	mg/kg	04/09/12		AW	3540C/8082
PCB-1248	*	3700	mg/kg	04/09/12		AW	3540C/8082
PCB-1254	ND	3700	mg/kg	04/09/12		AW	3540C/8082
PCB-1260	*	3700	mg/kg	04/09/12		AW	3540C/8082
PCB-1262	ND	3700	mg/kg	04/09/12		AW	3540C/8082
PCB-1268	ND	3700	mg/kg	04/09/12		AW	3540C/8082
Total PCBs	8700	3700	mg/kg	04/09/12		AW	3540C/8082
<u>QA/QC Surrogates</u>							
% DCBP	Diluted Out		%	04/09/12		AW	30 - 150 %
% TCMX	Diluted Out		%	04/09/12		AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 2012-0403-0926 CN-ECC-01B

Phoenix I.D.: BB61334

Parameter	Result	RL	Units	Date	Time	By	Reference
-----------	--------	----	-------	------	------	----	-----------

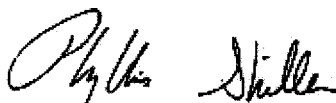
Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1248 and 1260.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

April 12, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 12, 2012

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: KM
Received by: LB
Analyzed by: see "By" below

Date

04/02/12
04/03/12

Time

0:00
16:05

Laboratory Data

SDG ID: GBB61332

Phoenix ID: BB61335

Project ID: CENTRAL HIGH SCHOOL

Client ID: 2012-0403-0926 CN-ECC-01C

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	04/03/12			E160.3
Caulk Extraction for PCB	Completed			04/03/12		BC/K	SW3540C
<u>PCB (Soxhlet)</u>							
PCB-1016	ND	4200	mg/kg	04/08/12		AW	3540C/8082
PCB-1221	ND	4200	mg/kg	04/08/12		AW	3540C/8082
PCB-1232	ND	4200	mg/kg	04/08/12		AW	3540C/8082
PCB-1242	ND	4200	mg/kg	04/08/12		AW	3540C/8082
PCB-1248	*	4200	mg/kg	04/08/12		AW	3540C/8082
PCB-1254	*	4200	mg/kg	04/08/12		AW	3540C/8082
PCB-1260	ND	4200	mg/kg	04/08/12		AW	3540C/8082
PCB-1262	ND	4200	mg/kg	04/08/12		AW	3540C/8082
PCB-1268	ND	4200	mg/kg	04/08/12		AW	3540C/8082
Total PCBs	7600	4200	mg/kg	04/08/12		AW	3540C/8082
<u>QA/QC Surrogates</u>							
% DCBP	Diluted Out		%	04/08/12		AW	30 - 150 %
% TCMX	Diluted Out		%	04/08/12		AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 2012-0403-0926 CN-ECC-01C

Phoenix I.D.: BB61335

Parameter	Result	RL	Units	Date	Time	By	Reference
-----------	--------	----	-------	------	------	----	-----------

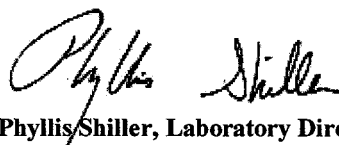
Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1248 and 1254.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

April 12, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 12, 2012

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: KM
Received by: LB
Analyzed by: see "By" below

Date

Time

04/02/12 0:00
04/03/12 16:05

Laboratory Data

SDG ID: GBB61332
Phoenix ID: BB61336

Project ID: CENTRAL HIGH SCHOOL

Client ID: 2012-0403-0926 EVC-01A

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	04/03/12			E160.3
Caulk Extraction for PCB	Completed			04/03/12		BC/K	SW3540C
<u>PCB (Soxhlet)</u>							
PCB-1016	ND	0.84	mg/kg	04/05/12		MH	3540C/8082
PCB-1221	ND	0.84	mg/kg	04/05/12		MH	3540C/8082
PCB-1232	ND	0.84	mg/kg	04/05/12		MH	3540C/8082
PCB-1242	ND	0.84	mg/kg	04/05/12		MH	3540C/8082
PCB-1248	*	0.84	mg/kg	04/05/12		MH	3540C/8082
PCB-1254	*	0.84	mg/kg	04/05/12		MH	3540C/8082
PCB-1260	ND	0.84	mg/kg	04/05/12		MH	3540C/8082
PCB-1262	ND	0.84	mg/kg	04/05/12		MH	3540C/8082
PCB-1268	ND	0.84	mg/kg	04/05/12		MH	3540C/8082
Total PCBs	2.1	0.84	mg/kg	04/05/12		MH	3540C/8082
<u>QA/QC Surrogates</u>							
% DCBP	107		%	04/05/12		MH	30 - 150 %
% TCMX	85		%	04/05/12		MH	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 2012-0403-0926 EVC-01A

Phoenix I.D.: BB61336

Parameter	Result	RL	Units	Date	Time	By	Reference
-----------	--------	----	-------	------	------	----	-----------

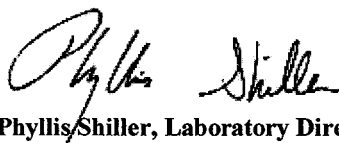
Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1248 and 1254.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

April 12, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 12, 2012

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: KM
Received by: LB
Analyzed by: see "By" below

Date

Time

04/02/12 0:00
04/03/12 16:05

Laboratory Data

SDG ID: GBB61332

Phoenix ID: BB61337

Project ID: CENTRAL HIGH SCHOOL

Client ID: 2012-0403-0926 EVC-01B

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	04/03/12			E160.3
Caulk Extraction for PCB	Completed			04/03/12		BC/K	SW3540C
<u>PCB (Soxhlet)</u>							
PCB-1016	ND	0.82	mg/kg	04/05/12		MH	3540C/8082
PCB-1221	ND	0.82	mg/kg	04/05/12		MH	3540C/8082
PCB-1232	ND	0.82	mg/kg	04/05/12		MH	3540C/8082
PCB-1242	ND	0.82	mg/kg	04/05/12		MH	3540C/8082
PCB-1248	ND	0.82	mg/kg	04/05/12		MH	3540C/8082
PCB-1254	ND	0.82	mg/kg	04/05/12		MH	3540C/8082
PCB-1260	ND	0.82	mg/kg	04/05/12		MH	3540C/8082
PCB-1262	ND	0.82	mg/kg	04/05/12		MH	3540C/8082
PCB-1268	ND	0.82	mg/kg	04/05/12		MH	3540C/8082
<u>QA/QC Surrogates</u>							
% DCBP	101		%	04/05/12		MH	30 - 150 %
% TCMX	78		%	04/05/12		MH	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BB61337

Client ID: 2012-0403-0926 EVC-01B

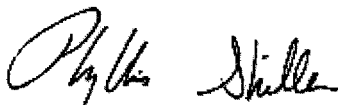
Parameter	Result	RL	Units	Date	Time	By	Reference
-----------	--------	----	-------	------	------	----	-----------

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

April 12, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 12, 2012

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: KM
Received by: LB
Analyzed by: see "By" below

Date

04/02/12
04/03/12

Time

0:00
16:05

Laboratory Data

SDG ID: GBB61332
Phoenix ID: BB61338

Project ID: CENTRAL HIGH SCHOOL

Client ID: 2012-0403-0926 EVC-01C

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	04/03/12			E160.3
Caulk Extraction for PCB	Completed			04/03/12		BC/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.79	mg/kg	04/05/12		MH	3540C/8082
PCB-1221	ND	0.79	mg/kg	04/05/12		MH	3540C/8082
PCB-1232	ND	0.79	mg/kg	04/05/12		MH	3540C/8082
PCB-1242	ND	0.79	mg/kg	04/05/12		MH	3540C/8082
PCB-1248	*	0.79	mg/kg	04/05/12		MH	3540C/8082
PCB-1254	*	0.79	mg/kg	04/05/12		MH	3540C/8082
PCB-1260	ND	0.79	mg/kg	04/05/12		MH	3540C/8082
PCB-1262	ND	0.79	mg/kg	04/05/12		MH	3540C/8082
PCB-1268	ND	0.79	mg/kg	04/05/12		MH	3540C/8082
Total PCBs	0.96	0.79	mg/kg	04/05/12		MH	3540C/8082

QA/QC Surrogates

% DCBP	103		%	04/05/12		MH	30 - 150 %
% TCMX	96		%	04/05/12		MH	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BB61338

Client ID: 2012-0403-0926 EVC-01C

Parameter	Result	RL	Units	Date	Time	By	Reference
-----------	--------	----	-------	------	------	----	-----------

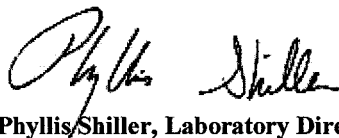
Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1248 and 1254.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

April 12, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 12, 2012

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: KM
Received by: LB
Analyzed by: see "By" below

Date

04/02/12
04/03/12

Time

0:00
16:05

Laboratory Data

SDG ID: GBB61332

Phoenix ID: BB61339

Project ID: CENTRAL HIGH SCHOOL

Client ID: 2012-0403-0926 SD-EDC-01A

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	04/03/12			E160.3
Caulk Extraction for PCB	Completed			04/03/12		BC/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.8	mg/kg	04/05/12		MH	3540C/8082
PCB-1221	ND	0.8	mg/kg	04/05/12		MH	3540C/8082
PCB-1232	ND	0.8	mg/kg	04/05/12		MH	3540C/8082
PCB-1242	ND	0.8	mg/kg	04/05/12		MH	3540C/8082
PCB-1248	*	0.8	mg/kg	04/05/12		MH	3540C/8082
PCB-1254	*	0.8	mg/kg	04/05/12		MH	3540C/8082
PCB-1260	ND	0.8	mg/kg	04/05/12		MH	3540C/8082
PCB-1262	ND	0.8	mg/kg	04/05/12		MH	3540C/8082
PCB-1268	ND	0.8	mg/kg	04/05/12		MH	3540C/8082
Total PCBs	1.1	0.8	mg/kg	04/05/12		MH	3540C/8082

QA/QC Surrogates

% DCBP	108		%	04/05/12		MH	30 - 150 %
% TCMX	69		%	04/05/12		MH	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 2012-0403-0926 SD-EDC-01A

Phoenix I.D.: BB61339

Parameter	Result	RL	Units	Date	Time	By	Reference
-----------	--------	----	-------	------	------	----	-----------


Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1248 and 1254.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

April 12, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 12, 2012

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: KM
Received by: LB
Analyzed by: see "By" below

Date Time

04/02/12 0:00
04/03/12 16:05

Laboratory Data

SDG ID: GBB61332
Phoenix ID: BB61340

Project ID: CENTRAL HIGH SCHOOL
Client ID: 2012-0403-0926 SD-EDC-01B

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	04/03/12			E160.3
Caulk Extraction for PCB	Completed			04/03/12		BC/K	SW3540C
<u>PCB (Soxhlet)</u>							
PCB-1016	ND	0.75	mg/kg	04/04/12		MH	3540C/8082
PCB-1221	ND	0.75	mg/kg	04/04/12		MH	3540C/8082
PCB-1232	ND	0.75	mg/kg	04/04/12		MH	3540C/8082
PCB-1242	ND	0.75	mg/kg	04/04/12		MH	3540C/8082
PCB-1248	ND	0.75	mg/kg	04/04/12		MH	3540C/8082
PCB-1254	ND	0.75	mg/kg	04/04/12		MH	3540C/8082
PCB-1260	ND	0.75	mg/kg	04/04/12		MH	3540C/8082
PCB-1262	ND	0.75	mg/kg	04/04/12		MH	3540C/8082
PCB-1268	ND	0.75	mg/kg	04/04/12		MH	3540C/8082
<u>QA/QC Surrogates</u>							
% DCBP	97		%	04/04/12		MH	30 - 150 %
% TCMX	96		%	04/04/12		MH	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 2012-0403-0926 SD-EDC-01B

Phoenix I.D.: BB61340

Parameter	Result	RL	Units	Date	Time	By	Reference
-----------	--------	----	-------	------	------	----	-----------

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

April 12, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 12, 2012

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: KM
Received by: LB
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
04/02/12	0:00
04/03/12	16:05

Laboratory Data

SDG ID: GBB61332
Phoenix ID: BB61341

Project ID: CENTRAL HIGH SCHOOL
Client ID: 2012-0403-0926 SD-EDC-01C

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>Units</u>	<u>Date</u>	<u>Time</u>	<u>By</u>	<u>Reference</u>
Percent Solid	100	1	%	04/03/12			E160.3
Caulk Extraction for PCB	Completed			04/03/12		BC/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.78	mg/kg	04/05/12		MH	3540C/8082
PCB-1221	ND	0.78	mg/kg	04/05/12		MH	3540C/8082
PCB-1232	ND	0.78	mg/kg	04/05/12		MH	3540C/8082
PCB-1242	ND	0.78	mg/kg	04/05/12		MH	3540C/8082
PCB-1248	*	0.78	mg/kg	04/05/12		MH	3540C/8082
PCB-1254	*	0.78	mg/kg	04/05/12		MH	3540C/8082
PCB-1260	ND	0.78	mg/kg	04/05/12		MH	3540C/8082
PCB-1262	ND	0.78	mg/kg	04/05/12		MH	3540C/8082
PCB-1268	ND	0.78	mg/kg	04/05/12		MH	3540C/8082
Total PCBs	2.8	0.78	mg/kg	04/05/12		MH	3540C/8082

QA/QC Surrogates

% DCBP	109		%	04/05/12		MH	30 - 150 %
% TCMX	67		%	04/05/12		MH	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 2012-0403-0926 SD-EDC-01C

Phoenix I.D.: BB61341

Parameter	Result	RL	Units	Date	Time	By	Reference
-----------	--------	----	-------	------	------	----	-----------

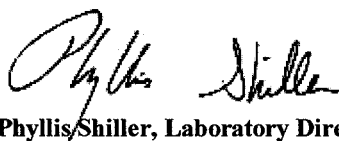
Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1248 and 1254.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

April 12, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 12, 2012

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: KM
Received by: LB
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
04/02/12	0:00
04/03/12	16:05

Laboratory Data

SDG ID: GBB61332
Phoenix ID: BB61342

Project ID: CENTRAL HIGH SCHOOL
Client ID: 2012-0403-0926 SW-IWG-01A

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	04/03/12			E160.3
Caulk Extraction for PCB	Completed			04/03/12		BC/K	SW3540C
<u>PCB (Soxhlet)</u>							
PCB-1016	ND	0.81	mg/kg	04/04/12		MH	3540C/8082
PCB-1221	ND	0.81	mg/kg	04/04/12		MH	3540C/8082
PCB-1232	ND	0.81	mg/kg	04/04/12		MH	3540C/8082
PCB-1242	ND	0.81	mg/kg	04/04/12		MH	3540C/8082
PCB-1248	ND	0.81	mg/kg	04/04/12		MH	3540C/8082
PCB-1254	ND	0.81	mg/kg	04/04/12		MH	3540C/8082
PCB-1260	ND	0.81	mg/kg	04/04/12		MH	3540C/8082
PCB-1262	ND	0.81	mg/kg	04/04/12		MH	3540C/8082
PCB-1268	ND	0.81	mg/kg	04/04/12		MH	3540C/8082
<u>QA/QC Surrogates</u>							
% DCBP	90		%	04/04/12		MH	30 - 150 %
% TCMX	90		%	04/04/12		MH	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 2012-0403-0926 SW-IWG-01A

Phoenix I.D.: BB61342

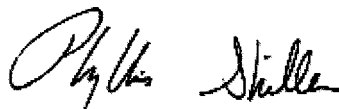
Parameter	Result	RL	Units	Date	Time	By	Reference
-----------	--------	----	-------	------	------	----	-----------

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

April 12, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 12, 2012

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: KM
Received by: LB
Analyzed by: see "By" below

Date

04/02/12
04/03/12

Time

0:00
16:05

Laboratory Data

SDG ID: GBB61332

Phoenix ID: BB61343

Project ID: CENTRAL HIGH SCHOOL

Client ID: 2012-0403-0926 SW-IWG-01B

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	04/03/12			E160.3
Caulk Extraction for PCB	Completed			04/03/12		BC/K	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	0.76	mg/kg	04/04/12		MH	3540C/8082
PCB-1221	ND	0.76	mg/kg	04/04/12		MH	3540C/8082
PCB-1232	ND	0.76	mg/kg	04/04/12		MH	3540C/8082
PCB-1242	ND	0.76	mg/kg	04/04/12		MH	3540C/8082
PCB-1248	ND	0.76	mg/kg	04/04/12		MH	3540C/8082
PCB-1254	ND	0.76	mg/kg	04/04/12		MH	3540C/8082
PCB-1260	ND	0.76	mg/kg	04/04/12		MH	3540C/8082
PCB-1262	ND	0.76	mg/kg	04/04/12		MH	3540C/8082
PCB-1268	ND	0.76	mg/kg	04/04/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	98		%	04/04/12		MH	30 - 150 %
% TCMX	100		%	04/04/12		MH	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 2012-0403-0926 SW-IWG-01B

Phoenix I.D.: BB61343

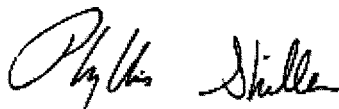
Parameter	Result	RL	Units	Date	Time	By	Reference
-----------	--------	----	-------	------	------	----	-----------

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

April 12, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 12, 2012

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: KM
Received by: LB
Analyzed by: see "By" below

Date

Time

04/02/12 0:00
04/03/12 16:05

Laboratory Data

SDG ID: GBB61332

Phoenix ID: BB61344

Project ID: CENTRAL HIGH SCHOOL

Client ID: 2012-0403-0926 SW-IWG-01C

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	04/03/12			E160.3
Caulk Extraction for PCB	Completed			04/03/12		BC/K	SW3540C
<u>PCB (Soxhlet)</u>							
PCB-1016	ND	0.77	mg/kg	04/04/12		MH	3540C/8082
PCB-1221	ND	0.77	mg/kg	04/04/12		MH	3540C/8082
PCB-1232	ND	0.77	mg/kg	04/04/12		MH	3540C/8082
PCB-1242	ND	0.77	mg/kg	04/04/12		MH	3540C/8082
PCB-1248	ND	0.77	mg/kg	04/04/12		MH	3540C/8082
PCB-1254	ND	0.77	mg/kg	04/04/12		MH	3540C/8082
PCB-1260	ND	0.77	mg/kg	04/04/12		MH	3540C/8082
PCB-1262	ND	0.77	mg/kg	04/04/12		MH	3540C/8082
PCB-1268	ND	0.77	mg/kg	04/04/12		MH	3540C/8082
<u>QA/QC Surrogates</u>							
% DCBP	101		%	04/04/12		MH	30 - 150 %
% TCMX	87		%	04/04/12		MH	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 2012-0403-0926 SW-IWG-01C

Phoenix I.D.: BB61344

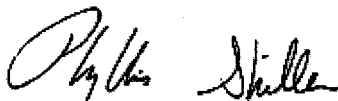
Parameter	Result	RL	Units	Date	Time	By	Reference
-----------	--------	----	-------	------	------	----	-----------

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

April 12, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 12, 2012

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: KM
Received by: LB
Analyzed by: see "By" below

Date

Time

04/02/12 0:00
04/03/12 16:05

Laboratory Data

SDG ID: GBB61332

Phoenix ID: BB61345

Project ID: CENTRAL HIGH SCHOOL

Client ID: 2012-0403-0926 SW-IWC-01A

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	04/03/12			E160.3
Caulk Extraction for PCB	Completed			04/03/12		BC/K	SW3540C
<u>PCB (Soxhlet)</u>							
PCB-1016	ND	4	mg/kg	04/08/12		AW	3540C/8082
PCB-1221	ND	4	mg/kg	04/08/12		AW	3540C/8082
PCB-1232	ND	4	mg/kg	04/08/12		AW	3540C/8082
PCB-1242	ND	4	mg/kg	04/08/12		AW	3540C/8082
PCB-1248	*	4	mg/kg	04/08/12		AW	3540C/8082
PCB-1254	*	4	mg/kg	04/08/12		AW	3540C/8082
PCB-1260	ND	4	mg/kg	04/08/12		AW	3540C/8082
PCB-1262	ND	4	mg/kg	04/08/12		AW	3540C/8082
PCB-1268	ND	4	mg/kg	04/08/12		AW	3540C/8082
Total PCBs	30	4	mg/kg	04/08/12		AW	3540C/8082
<u>QA/QC Surrogates</u>							
% DCBP	Diluted Out		%	04/08/12		AW	30 - 150 %
% TCMX	Diluted Out		%	04/08/12		AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 2012-0403-0926 SW-IWC-01A

Phoenix I.D.: BB61345

Parameter	Result	RL	Units	Date	Time	By	Reference
-----------	--------	----	-------	------	------	----	-----------

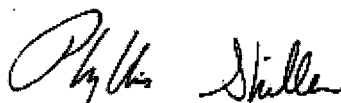
Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1248 and 1254.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

April 12, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 12, 2012

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: KM
Received by: LB
Analyzed by: see "By" below

Date

04/02/12
04/03/12

Time

0:00
16:05

Laboratory Data

SDG ID: GBB61332

Phoenix ID: BB61346

Project ID: CENTRAL HIGH SCHOOL

Client ID: 2012-0403-0926 SW-IWC-01B

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	04/03/12			E160.3
Caulk Extraction for PCB	Completed			04/03/12		BC/K	SW3540C
<u>PCB (Soxhlet)</u>							
PCB-1016	ND	3.9	mg/kg	04/08/12		AW	3540C/8082
PCB-1221	ND	3.9	mg/kg	04/08/12		AW	3540C/8082
PCB-1232	ND	3.9	mg/kg	04/08/12		AW	3540C/8082
PCB-1242	ND	3.9	mg/kg	04/08/12		AW	3540C/8082
PCB-1248	*	3.9	mg/kg	04/08/12		AW	3540C/8082
PCB-1254	*	3.9	mg/kg	04/08/12		AW	3540C/8082
PCB-1260	ND	3.9	mg/kg	04/08/12		AW	3540C/8082
PCB-1262	ND	3.9	mg/kg	04/08/12		AW	3540C/8082
PCB-1268	ND	3.9	mg/kg	04/08/12		AW	3540C/8082
Total PCBs	24	3.9	mg/kg	04/08/12		AW	3540C/8082
<u>QA/QC Surrogates</u>							
% DCBP	Diluted Out		%	04/08/12		AW	30 - 150 %
% TCMX	Diluted Out		%	04/08/12		AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 2012-0403-0926 SW-IWC-01B

Phoenix I.D.: BB61346

Parameter	Result	RL	Units	Date	Time	By	Reference
-----------	--------	----	-------	------	------	----	-----------

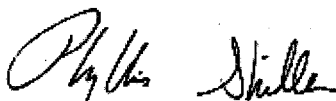
Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1248 and 1254.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

April 12, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 12, 2012

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: KM
Received by: LB
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
04/02/12	0:00
04/03/12	16:05

Laboratory Data

SDG ID: GBB61332
Phoenix ID: BB61347

Project ID: CENTRAL HIGH SCHOOL
Client ID: 2012-0403-0926 SW-IWC-01C

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	04/03/12			E160.3
Caulk Extraction for PCB	Completed			04/03/12		BC/K	SW3540C
<u>PCB (Soxhlet)</u>							
PCB-1016	ND	4.1	mg/kg	04/08/12		AW	3540C/8082
PCB-1221	ND	4.1	mg/kg	04/08/12		AW	3540C/8082
PCB-1232	ND	4.1	mg/kg	04/08/12		AW	3540C/8082
PCB-1242	ND	4.1	mg/kg	04/08/12		AW	3540C/8082
PCB-1248	*	4.1	mg/kg	04/08/12		AW	3540C/8082
PCB-1254	*	4.1	mg/kg	04/08/12		AW	3540C/8082
PCB-1260	ND	4.1	mg/kg	04/08/12		AW	3540C/8082
PCB-1262	ND	4.1	mg/kg	04/08/12		AW	3540C/8082
PCB-1268	ND	4.1	mg/kg	04/08/12		AW	3540C/8082
Total PCBs	17	4.1	mg/kg	04/08/12		AW	3540C/8082
<u>QA/QC Surrogates</u>							
% DCBP	Diluted Out		%	04/08/12		AW	30 - 150 %
% TCMX	Diluted Out		%	04/08/12		AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 2012-0403-0926 SW-IWC-01C

Phoenix I.D.: BB61347

Parameter	Result	RL	Units	Date	Time	By	Reference
-----------	--------	----	-------	------	------	----	-----------

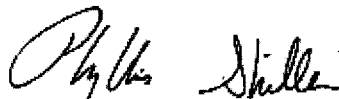
Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1248 and 1254.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

April 12, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 12, 2012

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: KM
Received by: LB
Analyzed by: see "By" below

Date

04/02/12
04/03/12

Time

0:00
16:05

Laboratory Data

SDG ID: GBB61332

Phoenix ID: BB61348

Project ID: CENTRAL HIGH SCHOOL

Client ID: 2012-0403-0926 SW-EWC-01A

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	04/03/12			E160.3
Caulk Extraction for PCB	Completed			04/03/12		BC/K	SW3540C
<u>PCB (Soxhlet)</u>							
PCB-1016	ND	0.76	mg/kg	04/04/12		MH	3540C/8082
PCB-1221	ND	0.76	mg/kg	04/04/12		MH	3540C/8082
PCB-1232	ND	0.76	mg/kg	04/04/12		MH	3540C/8082
PCB-1242	ND	0.76	mg/kg	04/04/12		MH	3540C/8082
PCB-1248	ND	0.76	mg/kg	04/04/12		MH	3540C/8082
PCB-1254	ND	0.76	mg/kg	04/04/12		MH	3540C/8082
PCB-1260	ND	0.76	mg/kg	04/04/12		MH	3540C/8082
PCB-1262	ND	0.76	mg/kg	04/04/12		MH	3540C/8082
PCB-1268	ND	0.76	mg/kg	04/04/12		MH	3540C/8082
<u>OA/QC Surrogates</u>							
% DCBP	95		%	04/04/12		MH	30 - 150 %
% TCMX	99		%	04/04/12		MH	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 2012-0403-0926 SW-EWC-01A

Phoenix I.D.: BB61348

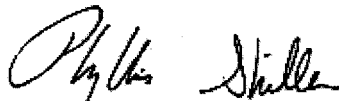
Parameter	Result	RL	Units	Date	Time	By	Reference
-----------	--------	----	-------	------	------	----	-----------

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

April 12, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 12, 2012

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: KM
Received by: LB
Analyzed by: see "By" below

Date

04/02/12
04/03/12

Time

0:00
16:05

Laboratory Data

SDG ID: GBB61332

Phoenix ID: BB61349

Project ID: CENTRAL HIGH SCHOOL

Client ID: 2012-0403-0926 SW-EWC-01B

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	04/03/12			E160.3
Caulk Extraction for PCB	Completed			04/03/12		BC/K	SW3540C
<u>PCB (Soxhlet)</u>							
PCB-1016	ND	0.83	mg/kg	04/04/12		MH	3540C/8082
PCB-1221	ND	0.83	mg/kg	04/04/12		MH	3540C/8082
PCB-1232	ND	0.83	mg/kg	04/04/12		MH	3540C/8082
PCB-1242	ND	0.83	mg/kg	04/04/12		MH	3540C/8082
PCB-1248	ND	0.83	mg/kg	04/04/12		MH	3540C/8082
PCB-1254	ND	0.83	mg/kg	04/04/12		MH	3540C/8082
PCB-1260	ND	0.83	mg/kg	04/04/12		MH	3540C/8082
PCB-1262	ND	0.83	mg/kg	04/04/12		MH	3540C/8082
PCB-1268	ND	0.83	mg/kg	04/04/12		MH	3540C/8082
<u>QA/QC Surrogates</u>							
% DCBP	96		%	04/04/12		MH	30 - 150 %
% TCMX	110		%	04/04/12		MH	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 2012-0403-0926 SW-EWC-01B

Phoenix I.D.: BB61349

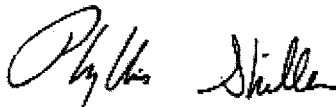
Parameter	Result	RL	Units	Date	Time	By	Reference
-----------	--------	----	-------	------	------	----	-----------

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

April 12, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 12, 2012

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: KM
Received by: LB
Analyzed by: see "By" below

Date

04/02/12
04/03/12

Time

0:00
16:05

Laboratory Data

SDG ID: GBB61332
Phoenix ID: BB61350

Project ID: CENTRAL HIGH SCHOOL
Client ID: 2012-0403-0926 SW-EWC-01C

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	04/03/12			E160.3
Caulk Extraction for PCB	Completed			04/03/12		BC/K	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	0.83	mg/kg	04/04/12		MH	3540C/8082
PCB-1221	ND	0.83	mg/kg	04/04/12		MH	3540C/8082
PCB-1232	ND	0.83	mg/kg	04/04/12		MH	3540C/8082
PCB-1242	ND	0.83	mg/kg	04/04/12		MH	3540C/8082
PCB-1248	ND	0.83	mg/kg	04/04/12		MH	3540C/8082
PCB-1254	ND	0.83	mg/kg	04/04/12		MH	3540C/8082
PCB-1260	ND	0.83	mg/kg	04/04/12		MH	3540C/8082
PCB-1262	ND	0.83	mg/kg	04/04/12		MH	3540C/8082
PCB-1268	ND	0.83	mg/kg	04/04/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	98		%	04/04/12		MH	30 - 150 %
% TCMX	95		%	04/04/12		MH	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 2012-0403-0926 SW-EWC-01C

Phoenix I.D.: BB61350

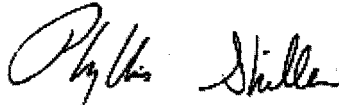
Parameter	Result	RL	Units	Date	Time	By	Reference
-----------	--------	----	-------	------	------	----	-----------

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director
April 12, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

April 12, 2012

QA/QC Data

SDG I.D.: GBB61332

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
-----------	-------	----------	-----------	------------	---------	----------	-----------	--------------------	--------------------

QA/QC Batch 197498, QC Sample No: BB60784 (BB61332, BB61333, BB61334, BB61335, BB61336, BB61337, BB61338, BB61339, BB61340, BB61341, BB61342, BB61343, BB61344, BB61345)

Polychlorinated Biphenyls - Solid

PCB-1016	ND	104	105	1.0	126	127	0.8	40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	103	104	1.0	119	126	5.7	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	95	90	90	0.0	88	87	1.1	30 - 150	30
% TCMX (Surrogate Rec)	88	83	82	1.2	81	80	1.2	30 - 150	30

QA/QC Batch 197590, QC Sample No: BB61346 (BB61346, BB61347, BB61348, BB61349, BB61350)

Polychlorinated Biphenyls - Solid

PCB-1016	ND	96	92	4.3				40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	112	112	0.0				40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	107	107	99	7.8				30 - 150	30
% TCMX (Surrogate Rec)	89	100	70	35.3				30 - 150	30

r = This parameter is outside laboratory rpd specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference

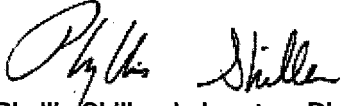
LCS - Laboratory Control Sample

LCSD - Laboratory Control Sample Duplicate

MS - Matrix Spike

MS Dup - Matrix Spike Duplicate

NC - No Criteria


Phyllis Shiller, Laboratory Director
April 12, 2012

Reasonable Confidence Protocol Laboratory Analysis QA/QC Certification Form

Laboratory Name: Phoenix Environmental Labs, Inc. **Client:** F&OPCBTR

Project Location: CENTRAL HIGH SCHOOL **Project Number:**

Laboratory Sample ID(s): BB61332, BB61333, BB61334, BB61335, BB61336, BB61337, BB61338, BB61339, BB61340, BB61341, BB61342, BB61343, BB61344, BB61345, BB61346, BB61347, BB61348, BB61349, BB61350

Sampling Date(s): 4/2/2012

RCP Methods Used:

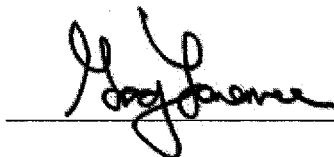
☐ 1311/1312 ☐ 6010 ☐ 7000 ☐ 7196 ☐ 7470/7471 ☐ 8081 ☐ EPH ☐ TO15
☒ 8082 ☐ 8151 ☐ 8260 ☐ 8270 ☐ ETPH ☐ 9010/9012 ☐ VPH

1.	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1a.	Were the method specified preservation and holding time requirements met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1b.	EPH and VPH methods only: Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA
2.	Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3.	Were samples received at an appropriate temperature (< 6 Degrees C)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA
4.	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? See Section: PCB Narration.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
5a.	Were reporting limits specified or referenced on the chain-of-custody?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5b.	Were these reporting limits met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
6.	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
7.	Are project-specific matrix spikes and laboratory duplicates included in the data set?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA

Note: For all questions to which the response was "No" (with the exception of question #5a, #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence".

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized
Signature:



Date: Thursday, April 12, 2012

Printed Name: Greg Lawrence

Position: Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

April 12, 2012

SDG LD.: GBB61332

PCB Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? No.

The LCS/LCSD RPD for the surrogate TCMX is above criteria. All of the Arochlor recoveries and RPD's are acceptable. Therefore no significant bias is suspected.

Instrument: Au-ecd5 04/05/12-1 (BB61336, BB61337, BB61338, BB61339, BB61341)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Michael Hahn
Position: Chemist
Date: 4/5/2012

Instrument: Au-ecd6 04/04/12-1 (BB61340, BB61342, BB61343, BB61344, BB61348, BB61349, BB61350)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Michael Hahn
Position: Chemist
Date: 4/4/2012

QC Comments: QC Batch 97590 04/03/12 (BB61346, BB61347, BB61348, BB61349, BB61350)

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

April 12, 2012

SDG LD.: GBB61332

QC (Site Specific)

———— Sample No: BB61346, QA/QC Batch: 197590 ————

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: % TCMX (Surrogate Rec)(35.3%)

A matrix effect is suspected when a MS/MSD recovery is outside of criteria. No further action is required if LCS/LCSD compounds are within criteria.

QC (Batch Specific)

———— Sample No: BB60784, QA/QC Batch: 197498 ————

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

Temperature Narration

The samples were received at 19C with cooling initiated.

No bias in the sample results are suspected due to temperature.

Printed Name

Position: Chemist

Date: 4/12/2012 2:37:51 PM



FUSS & O'NEILL
Disciplines to Deliver
(860) 646-2469 • www.FandO.com

- ☐ 146 Hartford Road, Manchester, CT 06040
- ☒ 56 Quarry Road, Trumbull, CT 06611
- ☐ 1419 Richland Street, Columbia, SC 29201
- ☐ 78 Interstate Drive, West Springfield, MA 01089

- ☐ 50 Redfield Street, Suite 100, Boston, MA 02122
- ☐ 275 Promenade Street, Suite 350, Providence, RI 02908
- ☐ 80 Washington Street, Suite 301, Poughkeepsie, NY 12601

CHAIN-OF-CUSTODY RECORD 23997

PROJECT NAME CENTRAL HIGH SCHOOL				PROJECT LOCATION BRIDGEPORT, CT				PROJECT NUMBER 20107A3.AZE				LABORATORY PEREIX			
REPORT TO: KEVIN MCCARTHY								Analysis Request							
INVOICE TO:								Containers							
P.O. NO.: 20107A3.AZE								<div style="transform: rotate(-45deg); transform-origin: center;"> PEREIX 20107A3.AZE </div>							
Sampler's Signature: <i>[Signature]</i> Date: 4/3/12															
Source Codes: MW=Monitoring Well PW=Potable Water S=Soil W=Waste SW=Surface Water T=Treatment Facility B=Sediment A=Air															
X=Other GLAZING/GLAZING COMPOUND															
Item No.	Transfer Check	1	2	3	4	Sample Number	Source Code	Date Sampled	Time Sampled	Comments					
11						2012-0400-001A	X	4-2-12	PM						
12						SW-INS-01A	X			X				61342	
13						SW-INS-01B	X			X				61343	
14						SW-INS-01C	X			X				61344	
15						SW-INS-01A	X			X				61345	
16						SW-INS-01B	X			X				61346	
17						SW-INS-01C	X			X				61347	
18						SW-INS-01A	X			X				61348	
19						SW-INS-01B	X			X				61349	
						SW-INS-01C	X			X				61350	

Transfer Number	Relinquished By	Accepted By	Date	Time	Reporting and Detection Limit Requirements:
1	<i>[Signature]</i>	<i>[Signature]</i>	4/3/12	10:07	41 ppm
2					Additional Comments:
3					
4					

FAX RESULTS TO 860-812-2228



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 11, 2012

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: KM
Received by: LB
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
04/02/12	0:00
04/03/12	16:05

Laboratory Data

SDG ID: GBB61351
Phoenix ID: BB61351

Project ID: CENTRAL HIGH SCHOOL
Client ID: 2012-0403-0926 SW-EWG-01A

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	04/03/12			E160.3
Caulk Extraction for PCB	Completed			04/03/12		BC/K	SW3540C
<u>PCB (Soxhlet)</u>							
PCB-1016	ND	0.82	mg/kg	04/05/12		MH	3540C/8082
PCB-1221	ND	0.82	mg/kg	04/05/12		MH	3540C/8082
PCB-1232	ND	0.82	mg/kg	04/05/12		MH	3540C/8082
PCB-1242	ND	0.82	mg/kg	04/05/12		MH	3540C/8082
PCB-1248	ND	0.82	mg/kg	04/05/12		MH	3540C/8082
PCB-1254	ND	0.82	mg/kg	04/05/12		MH	3540C/8082
PCB-1260	ND	0.82	mg/kg	04/05/12		MH	3540C/8082
PCB-1262	ND	0.82	mg/kg	04/05/12		MH	3540C/8082
PCB-1268	ND	0.82	mg/kg	04/05/12		MH	3540C/8082
<u>QA/QC Surrogates</u>							
% DCBP	102		%	04/05/12		MH	30 - 150 %
% TCMX	79		%	04/05/12		MH	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 2012-0403-0926 SW-EWG-01A

Phoenix I.D.: BB61351

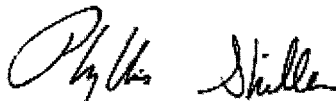
Parameter	Result	RL	Units	Date	Time	By	Reference
-----------	--------	----	-------	------	------	----	-----------

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

April 11, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 11, 2012

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: KM
Received by: LB
Analyzed by: see "By" below

Date

04/02/12
04/03/12

Time

0:00
16:05

Laboratory Data

SDG ID: GBB61351
Phoenix ID: BB61352

Project ID: CENTRAL HIGH SCHOOL

Client ID: 2012-0403-0926 SW-EWG-01B

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	04/03/12			E160.3
Caulk Extraction for PCB	Completed			04/03/12		BC/K	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	4.1	mg/kg	04/08/12		AW	3540C/8082
PCB-1221	ND	4.1	mg/kg	04/08/12		AW	3540C/8082
PCB-1232	ND	4.1	mg/kg	04/08/12		AW	3540C/8082
PCB-1242	ND	4.1	mg/kg	04/08/12		AW	3540C/8082
PCB-1248	ND	4.1	mg/kg	04/08/12		AW	3540C/8082
PCB-1254	24	4.1	mg/kg	04/08/12		AW	3540C/8082
PCB-1260	ND	4.1	mg/kg	04/08/12		AW	3540C/8082
PCB-1262	ND	4.1	mg/kg	04/08/12		AW	3540C/8082
PCB-1268	ND	4.1	mg/kg	04/08/12		AW	3540C/8082
QA/QC Surrogates							
% DCBP	Diluted Out		%	04/08/12		AW	30 - 150 %
% TCMX	Diluted Out		%	04/08/12		AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 2012-0403-0926 SW-EWG-01B

Phoenix I.D.: BB61352

Parameter	Result	RL	Units	Date	Time	By	Reference
-----------	--------	----	-------	------	------	----	-----------

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

April 11, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 11, 2012

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: KM
Received by: LB
Analyzed by: see "By" below

Date

04/02/12
04/03/12

Time

0:00
16:05

Laboratory Data

SDG ID: GBB61351
Phoenix ID: BB61353

Project ID: CENTRAL HIGH SCHOOL
Client ID: 2012-0403-0926 SW-EWG-01C

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	04/03/12			E160.3
Caulk Extraction for PCB	Completed			04/03/12		BC/K	SW3540C
<u>PCB (Soxhlet)</u>							
PCB-1016	ND	0.79	mg/kg	04/05/12		MH	3540C/8082
PCB-1221	ND	0.79	mg/kg	04/05/12		MH	3540C/8082
PCB-1232	ND	0.79	mg/kg	04/05/12		MH	3540C/8082
PCB-1242	ND	0.79	mg/kg	04/05/12		MH	3540C/8082
PCB-1248	ND	0.79	mg/kg	04/05/12		MH	3540C/8082
PCB-1254	ND	0.79	mg/kg	04/05/12		MH	3540C/8082
PCB-1260	ND	0.79	mg/kg	04/05/12		MH	3540C/8082
PCB-1262	ND	0.79	mg/kg	04/05/12		MH	3540C/8082
PCB-1268	ND	0.79	mg/kg	04/05/12		MH	3540C/8082
<u>QA/QC Surrogates</u>							
% DCBP	109		%	04/05/12		MH	30 - 150 %
% TCMX	73		%	04/05/12		MH	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 2012-0403-0926 SW-EWG-01C

Phoenix I.D.: BB61353

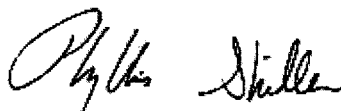
Parameter	Result	RL	Units	Date	Time	By	Reference
-----------	--------	----	-------	------	------	----	-----------

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

April 11, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 11, 2012

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: KM
Received by: LB
Analyzed by: see "By" below

Date

04/02/12 0:00
04/03/12 16:05

Time

Laboratory Data

SDG ID: GBB61351

Phoenix ID: BB61354

Project ID: CENTRAL HIGH SCHOOL

Client ID: 2012-0403-0926 ST-EWG-01A-R

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	04/03/12			E160.3
Caulk Extraction for PCB	Completed			04/03/12		BC/K	SW3540C
<u>PCB (Soxhlet)</u>							
PCB-1016	ND	0.41	mg/kg	04/05/12		MH	3540C/8082
PCB-1221	ND	0.41	mg/kg	04/05/12		MH	3540C/8082
PCB-1232	ND	0.41	mg/kg	04/05/12		MH	3540C/8082
PCB-1242	ND	0.41	mg/kg	04/05/12		MH	3540C/8082
PCB-1248	ND	0.41	mg/kg	04/05/12		MH	3540C/8082
PCB-1254	ND	0.41	mg/kg	04/05/12		MH	3540C/8082
PCB-1260	ND	0.41	mg/kg	04/05/12		MH	3540C/8082
PCB-1262	ND	0.41	mg/kg	04/05/12		MH	3540C/8082
PCB-1268	ND	0.41	mg/kg	04/05/12		MH	3540C/8082
<u>QA/QC Surrogates</u>							
% DCBP	94		%	04/05/12		MH	30 - 150 %
% TCMX	60		%	04/05/12		MH	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 2012-0403-0926 ST-EWG-01A-R

Phoenix I.D.: BB61354

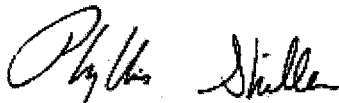
Parameter	Result	RL	Units	Date	Time	By	Reference
-----------	--------	----	-------	------	------	----	-----------

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

April 11, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 11, 2012

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: KM
Received by: LB
Analyzed by: see "By" below

Date

04/02/12
04/03/12

Time

0:00
16:05

Laboratory Data

SDG ID: GBB61351

Phoenix ID: BB61355

Project ID: CENTRAL HIGH SCHOOL

Client ID: 2012-0403-0926 ST-EWG-01B-R

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	04/03/12			E160.3
Caulk Extraction for PCB	Completed			04/03/12		BC/K	SW3540C
<u>PCB (Soxhlet)</u>							
PCB-1016	ND	0.43	mg/kg	04/05/12		MH	3540C/8082
PCB-1221	ND	0.43	mg/kg	04/05/12		MH	3540C/8082
PCB-1232	ND	0.43	mg/kg	04/05/12		MH	3540C/8082
PCB-1242	ND	0.43	mg/kg	04/05/12		MH	3540C/8082
PCB-1248	ND	0.43	mg/kg	04/05/12		MH	3540C/8082
PCB-1254	ND	0.43	mg/kg	04/05/12		MH	3540C/8082
PCB-1260	ND	0.43	mg/kg	04/05/12		MH	3540C/8082
PCB-1262	ND	0.43	mg/kg	04/05/12		MH	3540C/8082
PCB-1268	ND	0.43	mg/kg	04/05/12		MH	3540C/8082
<u>QA/QC Surrogates</u>							
% DCBP	91		%	04/05/12		MH	30 - 150 %
% TCMX	86		%	04/05/12		MH	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 2012-0403-0926 ST-EWG-01B-R

Phoenix I.D.: BB61355

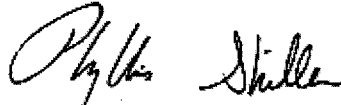
Parameter	Result	RL	Units	Date	Time	By	Reference
-----------	--------	----	-------	------	------	----	-----------

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

April 11, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 11, 2012

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: KM
Received by: LB
Analyzed by: see "By" below

Date

04/02/12
04/03/12

Time

0:00
16:05

Laboratory Data

SDG ID: GBB61351
Phoenix ID: BB61356

Project ID: CENTRAL HIGH SCHOOL

Client ID: 2012-0403-0926 ST-EWG-01C-R

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	04/03/12			E160.3
Caulk Extraction for PCB	Completed			04/03/12		BC/K	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	0.82	mg/kg	04/05/12		MH	3540C/8082
PCB-1221	ND	0.82	mg/kg	04/05/12		MH	3540C/8082
PCB-1232	ND	0.82	mg/kg	04/05/12		MH	3540C/8082
PCB-1242	ND	0.82	mg/kg	04/05/12		MH	3540C/8082
PCB-1248	ND	0.82	mg/kg	04/05/12		MH	3540C/8082
PCB-1254	ND	0.82	mg/kg	04/05/12		MH	3540C/8082
PCB-1260	ND	0.82	mg/kg	04/05/12		MH	3540C/8082
PCB-1262	ND	0.82	mg/kg	04/05/12		MH	3540C/8082
PCB-1268	ND	0.82	mg/kg	04/05/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	108		%	04/05/12		MH	30 - 150 %
% TCMX	64		%	04/05/12		MH	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 2012-0403-0926 ST-EWG-01C-R

Phoenix I.D.: BB61356

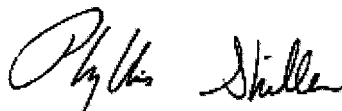
Parameter	Result	RL	Units	Date	Time	By	Reference
-----------	--------	----	-------	------	------	----	-----------

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

April 11, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 11, 2012

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: KM
Received by: LB
Analyzed by: see "By" below

Date

04/02/12 0:00
04/03/12 16:05

Time

Laboratory Data

SDG ID: GBB61351

Phoenix ID: BB61357

Project ID: CENTRAL HIGH SCHOOL

Client ID: 2012-0403-0926 ST-EWG-01A

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	04/03/12			E160.3
Caulk Extraction for PCB	Completed			04/03/12		BC/K	SW3540C
<u>PCB (Soxhlet)</u>							
PCB-1016	ND	0.82	mg/kg	04/05/12		MH	3540C/8082
PCB-1221	ND	0.82	mg/kg	04/05/12		MH	3540C/8082
PCB-1232	ND	0.82	mg/kg	04/05/12		MH	3540C/8082
PCB-1242	ND	0.82	mg/kg	04/05/12		MH	3540C/8082
PCB-1248	ND	0.82	mg/kg	04/05/12		MH	3540C/8082
PCB-1254	1.2	0.82	mg/kg	04/05/12		MH	3540C/8082
PCB-1260	ND	0.82	mg/kg	04/05/12		MH	3540C/8082
PCB-1262	ND	0.82	mg/kg	04/05/12		MH	3540C/8082
PCB-1268	ND	0.82	mg/kg	04/05/12		MH	3540C/8082
<u>QA/QC Surrogates</u>							
% DCBP	93		%	04/05/12		MH	30 - 150 %
% TCMX	60		%	04/05/12		MH	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 2012-0403-0926 ST-EWG-01A

Phoenix I.D.: BB61357

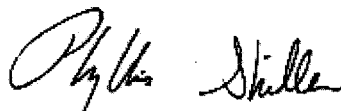
Parameter	Result	RL	Units	Date	Time	By	Reference
-----------	--------	----	-------	------	------	----	-----------

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

April 11, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 11, 2012

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: KM
Received by: LB
Analyzed by: see "By" below

Date

04/02/12
04/03/12

Time

0:00
16:05

Laboratory Data

SDG ID: GBB61351

Phoenix ID: BB61358

Project ID: CENTRAL HIGH SCHOOL

Client ID: 2012-0403-0926 ST-EWG-01B

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	04/03/12			E160.3
Caulk Extraction for PCB	Completed			04/03/12		BC/K	SW3540C
<u>PCB (Soxhlet)</u>							
PCB-1016	ND	0.8	mg/kg	04/05/12		MH	3540C/8082
PCB-1221	ND	0.8	mg/kg	04/05/12		MH	3540C/8082
PCB-1232	ND	0.8	mg/kg	04/05/12		MH	3540C/8082
PCB-1242	ND	0.8	mg/kg	04/05/12		MH	3540C/8082
PCB-1248	ND	0.8	mg/kg	04/05/12		MH	3540C/8082
PCB-1254	ND	0.8	mg/kg	04/05/12		MH	3540C/8082
PCB-1260	ND	0.8	mg/kg	04/05/12		MH	3540C/8082
PCB-1262	ND	0.8	mg/kg	04/05/12		MH	3540C/8082
PCB-1268	ND	0.8	mg/kg	04/05/12		MH	3540C/8082
<u>QA/QC Surrogates</u>							
% DCBP	111		%	04/05/12		MH	30 - 150 %
% TCMX	75		%	04/05/12		MH	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 2012-0403-0926 ST-EWG-01B

Phoenix I.D.: BB61358

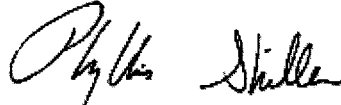
Parameter	Result	RL	Units	Date	Time	By	Reference
-----------	--------	----	-------	------	------	----	-----------

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

April 11, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 11, 2012

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: KM
Received by: LB
Analyzed by: see "By" below

Date

04/02/12
04/03/12

Time

0:00
16:05

Laboratory Data

SDG ID: GBB61351

Phoenix ID: BB61359

Project ID: CENTRAL HIGH SCHOOL

Client ID: 2012-0403-0926 ST-EWG-01C

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	04/03/12			E160.3
Caulk Extraction for PCB	Completed			04/03/12		BC/K	SW3540C
<u>PCB (Soxhlet)</u>							
PCB-1016	ND	0.81	mg/kg	04/05/12		MH	3540C/8082
PCB-1221	ND	0.81	mg/kg	04/05/12		MH	3540C/8082
PCB-1232	ND	0.81	mg/kg	04/05/12		MH	3540C/8082
PCB-1242	ND	0.81	mg/kg	04/05/12		MH	3540C/8082
PCB-1248	ND	0.81	mg/kg	04/05/12		MH	3540C/8082
PCB-1254	ND	0.81	mg/kg	04/05/12		MH	3540C/8082
PCB-1260	ND	0.81	mg/kg	04/05/12		MH	3540C/8082
PCB-1262	ND	0.81	mg/kg	04/05/12		MH	3540C/8082
PCB-1268	ND	0.81	mg/kg	04/05/12		MH	3540C/8082
<u>OA/QC Surrogates</u>							
% DCBP	105		%	04/05/12		MH	30 - 150 %
% TCMX	102		%	04/05/12		MH	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 2012-0403-0926 ST-EWG-01C

Phoenix I.D.: BB61359

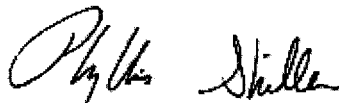
Parameter	Result	RL	Units	Date	Time	By	Reference
-----------	--------	----	-------	------	------	----	-----------

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

April 11, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 11, 2012

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: KM
Received by: LB
Analyzed by: see "By" below

Date

04/02/12
04/03/12

Time

0:00
16:05

Laboratory Data

SDG ID: GBB61351

Phoenix ID: BB61360

Project ID: CENTRAL HIGH SCHOOL

Client ID: 2012-0403-0926 ST-ED/WC-01A

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	04/03/12			E160.3
Caulk Extraction for PCB	Completed			04/03/12		BC/K	SW3540C
<u>PCB (Soxhlet)</u>							
PCB-1016	ND	0.8	mg/kg	04/05/12		MH	3540C/8082
PCB-1221	ND	0.8	mg/kg	04/05/12		MH	3540C/8082
PCB-1232	ND	0.8	mg/kg	04/05/12		MH	3540C/8082
PCB-1242	ND	0.8	mg/kg	04/05/12		MH	3540C/8082
PCB-1248	*	0.8	mg/kg	04/05/12		MH	3540C/8082
PCB-1254	*	0.8	mg/kg	04/05/12		MH	3540C/8082
PCB-1260	ND	0.8	mg/kg	04/05/12		MH	3540C/8082
PCB-1262	ND	0.8	mg/kg	04/05/12		MH	3540C/8082
PCB-1268	ND	0.8	mg/kg	04/05/12		MH	3540C/8082
Total PCBs	7.3	0.8	mg/kg	04/05/12		MH	3540C/8082
<u>QA/QC Surrogates</u>							
% DCBP	109		%	04/05/12		MH	30 - 150 %
% TCMX	91		%	04/05/12		MH	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 2012-0403-0926 ST-ED/WC-01A

Phoenix I.D.: BB61360

Parameter	Result	RL	Units	Date	Time	By	Reference
-----------	--------	----	-------	------	------	----	-----------

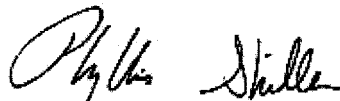
Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1248 and 1254.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

April 11, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 11, 2012

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: KM
Received by: LB
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
04/02/12	0:00
04/03/12	16:05

Laboratory Data

SDG ID: GBB61351
Phoenix ID: BB61361

Project ID: CENTRAL HIGH SCHOOL
Client ID: 2012-0403-0926 ST-ED/WC-01B

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	04/03/12			E160.3
Caulk Extraction for PCB	Completed			04/03/12		BC/K	SW3540C
<u>PCB (Soxhlet)</u>							
PCB-1016	ND	0.81	mg/kg	04/05/12		MH	3540C/8082
PCB-1221	ND	0.81	mg/kg	04/05/12		MH	3540C/8082
PCB-1232	ND	0.81	mg/kg	04/05/12		MH	3540C/8082
PCB-1242	ND	0.81	mg/kg	04/05/12		MH	3540C/8082
PCB-1248	*	0.81	mg/kg	04/05/12		MH	3540C/8082
PCB-1254	ND	0.81	mg/kg	04/05/12		MH	3540C/8082
PCB-1260	ND	0.81	mg/kg	04/05/12		MH	3540C/8082
PCB-1262	ND	0.81	mg/kg	04/05/12		MH	3540C/8082
PCB-1268	ND	0.81	mg/kg	04/05/12		MH	3540C/8082
Total PCBs	7	0.81	mg/kg	04/05/12		MH	3540C/8082
<u>QA/QC Surrogates</u>							
% DCBP	106		%	04/05/12		MH	30 - 150 %
% TCMX	97		%	04/05/12		MH	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 2012-0403-0926 ST-ED/WC-01B

Phoenix I.D.: BB61361

Parameter	Result	RL	Units	Date	Time	By	Reference
-----------	--------	----	-------	------	------	----	-----------

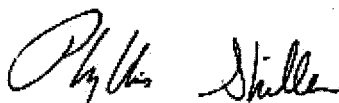
Comments:

* For PCBs, as per section 11.9.3, when weathering of PCBs is present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles aroclor 1248.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

April 11, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 11, 2012

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: KM
Received by: LB
Analyzed by: see "By" below

Date Time
04/02/12 0:00
04/03/12 16:05

Laboratory Data

SDG ID: GBB61351
Phoenix ID: BB61362

Project ID: CENTRAL HIGH SCHOOL
Client ID: 2012-0403-0926 ST-ED/WC-01C

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	04/03/12			E160.3
Caulk Extraction for PCB	Completed			04/03/12		BC/K	SW3540C
<u>PCB (Soxhlet)</u>							
PCB-1016	ND	0.75	mg/kg	04/05/12		MH	3540C/8082
PCB-1221	ND	0.75	mg/kg	04/05/12		MH	3540C/8082
PCB-1232	ND	0.75	mg/kg	04/05/12		MH	3540C/8082
PCB-1242	ND	0.75	mg/kg	04/05/12		MH	3540C/8082
PCB-1248	*	0.75	mg/kg	04/05/12		MH	3540C/8082
PCB-1254	ND	0.75	mg/kg	04/05/12		MH	3540C/8082
PCB-1260	ND	0.75	mg/kg	04/05/12		MH	3540C/8082
PCB-1262	ND	0.75	mg/kg	04/05/12		MH	3540C/8082
PCB-1268	ND	0.75	mg/kg	04/05/12		MH	3540C/8082
Total PCBs	1.3	0.75	mg/kg	04/05/12		MH	3540C/8082
<u>QA/QC Surrogates</u>							
% DCBP	105		%	04/05/12		MH	30 - 150 %
% TCMX	98		%	04/05/12		MH	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 2012-0403-0926 ST-ED/WC-01C

Phoenix I.D.: BB61362

Parameter	Result	RL	Units	Date	Time	By	Reference
-----------	--------	----	-------	------	------	----	-----------

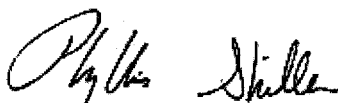
Comments:

* For PCBs, as per section 11.9.3, when weathering of PCBs is present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles aroclor 1248.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

April 11, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 11, 2012

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: KM
Received by: LB
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
04/02/12	0:00
04/03/12	16:05

Laboratory Data

SDG ID: GBB61351
Phoenix ID: BB61363

Project ID: CENTRAL HIGH SCHOOL
Client ID: 2012-0403-0926 ST-ED/WC-01DR

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	04/03/12			E160.3
Caulk Extraction for PCB	Completed			04/03/12		BC/K	SW3540C
<u>PCB (Soxhlet)</u>							
PCB-1016	ND	0.82	mg/kg	04/05/12		MH	3540C/8082
PCB-1221	ND	0.82	mg/kg	04/05/12		MH	3540C/8082
PCB-1232	ND	0.82	mg/kg	04/05/12		MH	3540C/8082
PCB-1242	ND	0.82	mg/kg	04/05/12		MH	3540C/8082
PCB-1248	ND	0.82	mg/kg	04/05/12		MH	3540C/8082
PCB-1254	ND	0.82	mg/kg	04/05/12		MH	3540C/8082
PCB-1260	ND	0.82	mg/kg	04/05/12		MH	3540C/8082
PCB-1262	ND	0.82	mg/kg	04/05/12		MH	3540C/8082
PCB-1268	ND	0.82	mg/kg	04/05/12		MH	3540C/8082
<u>QA/QC Surrogates</u>							
% DCBP	105		%	04/05/12		MH	30 - 150 %
% TCMX	62		%	04/05/12		MH	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 2012-0403-0926 ST-ED/WC-01DR

Phoenix I.D.: BB61363

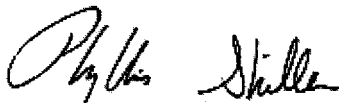
Parameter	Result	RL	Units	Date	Time	By	Reference
-----------	--------	----	-------	------	------	----	-----------

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

April 11, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 11, 2012

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: KM
Received by: LB
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
04/02/12	0:00
04/03/12	16:05

Laboratory Data

SDG ID: GBB61351
Phoenix ID: BB61364

Project ID: CENTRAL HIGH SCHOOL
Client ID: 2012-0403-0926 ST-ID/WC-01A

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	04/03/12			E160.3
Caulk Extraction for PCB	Completed			04/03/12		BC/K	SW3540C
<u>PCB (Soxhlet)</u>							
PCB-1016	ND	0.81	mg/kg	04/05/12		MH	3540C/8082
PCB-1221	ND	0.81	mg/kg	04/05/12		MH	3540C/8082
PCB-1232	ND	0.81	mg/kg	04/05/12		MH	3540C/8082
PCB-1242	ND	0.81	mg/kg	04/05/12		MH	3540C/8082
PCB-1248	*	0.81	mg/kg	04/05/12		MH	3540C/8082
PCB-1254	*	0.81	mg/kg	04/05/12		MH	3540C/8082
PCB-1260	ND	0.81	mg/kg	04/05/12		MH	3540C/8082
PCB-1262	ND	0.81	mg/kg	04/05/12		MH	3540C/8082
PCB-1268	ND	0.81	mg/kg	04/05/12		MH	3540C/8082
Total PCBs	7	0.81	mg/kg	04/05/12		MH	3540C/8082
<u>QA/QC Surrogates</u>							
% DCBP	118		%	04/05/12		MH	30 - 150 %
% TCMX	75		%	04/05/12		MH	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 2012-0403-0926 ST-ID/WC-01A

Phoenix I.D.: BB61364

Parameter	Result	RL	Units	Date	Time	By	Reference
-----------	--------	----	-------	------	------	----	-----------

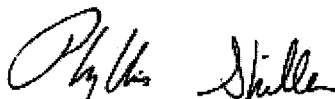
Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1248 and 1254.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

April 11, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 11, 2012

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: KM
Received by: LB
Analyzed by: see "By" below

Date

04/02/12
04/03/12

Time

0:00
16:05

Laboratory Data

SDG ID: GBB61351

Phoenix ID: BB61365

Project ID: CENTRAL HIGH SCHOOL

Client ID: 2012-0403-0926 ST-ID/WC-01B

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	04/03/12			E160.3
Caulk Extraction for PCB	Completed			04/03/12		BC/K	SW3540C
<u>PCB (Soxhlet)</u>							
PCB-1016	ND	0.8	mg/kg	04/05/12		MH	3540C/8082
PCB-1221	ND	0.8	mg/kg	04/05/12		MH	3540C/8082
PCB-1232	ND	0.8	mg/kg	04/05/12		MH	3540C/8082
PCB-1242	ND	0.8	mg/kg	04/05/12		MH	3540C/8082
PCB-1248	*	0.8	mg/kg	04/05/12		MH	3540C/8082
PCB-1254	*	0.8	mg/kg	04/05/12		MH	3540C/8082
PCB-1260	ND	0.8	mg/kg	04/05/12		MH	3540C/8082
PCB-1262	ND	0.8	mg/kg	04/05/12		MH	3540C/8082
PCB-1268	ND	0.8	mg/kg	04/05/12		MH	3540C/8082
Total PCBs	4.2	0.8	mg/kg	04/05/12		MH	3540C/8082
<u>QA/QC Surrogates</u>							
% DCBP	114		%	04/05/12		MH	30 - 150 %
% TCMX	80		%	04/05/12		MH	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 2012-0403-0926 ST-ID/WC-01B

Phoenix I.D.: BB61365

Parameter	Result	RL	Units	Date	Time	By	Reference
-----------	--------	----	-------	------	------	----	-----------

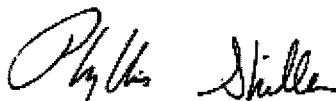
Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1248 and 1254.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

April 11, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 11, 2012

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: KM
Received by: LB
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
04/02/12	0:00
04/03/12	16:05

Laboratory Data

SDG ID: GBB61351
Phoenix ID: BB61366

Project ID: CENTRAL HIGH SCHOOL
Client ID: 2012-0403-0926 ST-ID/WC-01C

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	04/03/12			E160.3
Caulk Extraction for PCB	Completed			04/03/12		BB/K	SW3540C
<u>PCB (Soxhlet)</u>							
PCB-1016	ND	0.82	mg/kg	04/05/12		MH	3540C/8082
PCB-1221	ND	0.82	mg/kg	04/05/12		MH	3540C/8082
PCB-1232	ND	0.82	mg/kg	04/05/12		MH	3540C/8082
PCB-1242	ND	0.82	mg/kg	04/05/12		MH	3540C/8082
PCB-1248	*	0.82	mg/kg	04/05/12		MH	3540C/8082
PCB-1254	*	0.82	mg/kg	04/05/12		MH	3540C/8082
PCB-1260	ND	0.82	mg/kg	04/05/12		MH	3540C/8082
PCB-1262	ND	0.82	mg/kg	04/05/12		MH	3540C/8082
PCB-1268	ND	0.82	mg/kg	04/05/12		MH	3540C/8082
Total PCBs	9.8	0.82	mg/kg	04/05/12		MH	3540C/8082
<u>QA/QC Surrogates</u>							
% DCBP	108		%	04/05/12		MH	30 - 150 %
% TCMX	71		%	04/05/12		MH	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 2012-0403-0926 ST-ID/WC-01C

Phoenix I.D.: BB61366

Parameter	Result	RL	Units	Date	Time	By	Reference
-----------	--------	----	-------	------	------	----	-----------

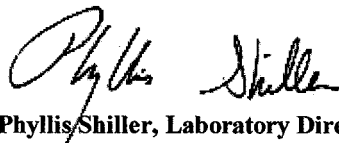
Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1248 and 1254.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

April 11, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 11, 2012

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: KM
Received by: LB
Analyzed by: see "By" below

Date

04/02/12
04/03/12

Time

0:00
16:05

Laboratory Data

SDG ID: GBB61351

Phoenix ID: BB61367

Project ID: CENTRAL HIGH SCHOOL

Client ID: 2012-0403-0926 ST-IWG-01A

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	04/03/12			E160.3
Caulk Extraction for PCB	Completed			04/03/12		BB/K	SW3540C
<u>PCB (Soxhlet)</u>							
PCB-1016	ND	0.81	mg/kg	04/05/12		MH	3540C/8082
PCB-1221	ND	0.81	mg/kg	04/05/12		MH	3540C/8082
PCB-1232	ND	0.81	mg/kg	04/05/12		MH	3540C/8082
PCB-1242	ND	0.81	mg/kg	04/05/12		MH	3540C/8082
PCB-1248	*	0.81	mg/kg	04/05/12		MH	3540C/8082
PCB-1254	*	0.81	mg/kg	04/05/12		MH	3540C/8082
PCB-1260	ND	0.81	mg/kg	04/05/12		MH	3540C/8082
PCB-1262	ND	0.81	mg/kg	04/05/12		MH	3540C/8082
PCB-1268	ND	0.81	mg/kg	04/05/12		MH	3540C/8082
Total PCBs	5.8	0.81	mg/kg	04/05/12		MH	3540C/8082
<u>QA/QC Surrogates</u>							
% DCBP	113		%	04/05/12		MH	30 - 150 %
% TCMX	74		%	04/05/12		MH	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 2012-0403-0926 ST-WG-01A

Phoenix I.D.: BB61367

Parameter	Result	RL	Units	Date	Time	By	Reference
-----------	--------	----	-------	------	------	----	-----------

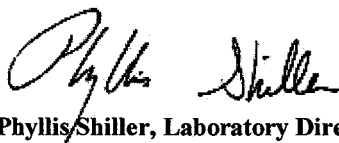
Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1248 and 1254.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

April 11, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

April 11, 2012

QA/QC Data

SDG I.D.: GBB61351

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 197590, QC Sample No: BB61346 (BB61351, BB61352, BB61353, BB61354, BB61355, BB61356, BB61357, BB61358, BB61359, BB61360, BB61361, BB61362, BB61363, BB61364, BB61365)									
Polychlorinated Biphenyls - Solid									
PCB-1016	ND	96	92	4.3				40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	112	112	0.0				40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	107	107	99	7.8				30 - 150	30
% TCMX (Surrogate Rec)	89	100	70	35.3				30 - 150	30
QA/QC Batch 197591, QC Sample No: BB61366 (BB61366, BB61367)									
Polychlorinated Biphenyls - Solid									
PCB-1016	ND	103	104	1.0				40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	119	113	5.2				40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	112	102	102	0.0				30 - 150	30
% TCMX (Surrogate Rec)	103	82	85	3.6				30 - 150	30

r = This parameter is outside laboratory rpd specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference

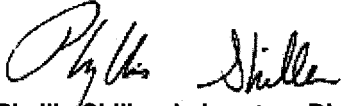
LCS - Laboratory Control Sample

LCSD - Laboratory Control Sample Duplicate

MS - Matrix Spike

MS Dup - Matrix Spike Duplicate

NC - No Criteria


Phyllis Shiller, Laboratory Director
April 11, 2012

Reasonable Confidence Protocol Laboratory Analysis QA/QC Certification Form

Laboratory Name: Phoenix Environmental Labs, Inc. **Client:** F&OPCBTR

Project Location: CENTRAL HIGH SCHOOL **Project Number:**

Laboratory Sample ID(s): BB61351, BB61352, BB61353, BB61354, BB61355, BB61356, BB61357, BB61358, BB61359, BB61360, BB61361, BB61362, BB61363, BB61364, BB61365, BB61366, BB61367

Sampling Date(s): 4/2/2012

RCP Methods Used:

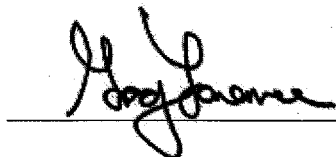
☐ 1311/1312 ☐ 6010 ☐ 7000 ☐ 7196 ☐ 7470/7471 ☐ 8081 ☐ EPH ☐ TO15
☒ 8082 ☐ 8151 ☐ 8260 ☐ 8270 ☐ ETPH ☐ 9010/9012 ☐ VPH

1.	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1a.	Were the method specified preservation and holding time requirements met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1b.	EPH and VPH methods only: Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA
2.	Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3.	Were samples received at an appropriate temperature (< 6 Degrees C)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA
4.	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5a.	Were reporting limits specified or referenced on the chain-of-custody?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5b.	Were these reporting limits met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
6.	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
7.	Are project-specific matrix spikes and laboratory duplicates included in the data set?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA

Note: For all questions to which the response was "No" (with the exception of question #5a, #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence".

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized
Signature:



Date: Wednesday, April 11, 2012

Printed Name: Greg Lawrence

Position: Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

April 11, 2012

SDG LD.: GBB61351

PCB Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Au-ecd5 04/05/12-1 (BB61351, BB61353, BB61354, BB61355, BB61356, BB61357, BB61358, BB61359, BB61360, BB61361, BB61362, BB61363, BB61364, BB61365, BB61366, BB61367)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Michael Hahn

Position: Chemist

Date: 4/5/2012

QC Comments: QC Batch 97590 04/03/12 (BB61351, BB61352, BB61353, BB61354, BB61355, BB61356, BB61357, BB61358, BB61359, BB61360, BB61361, BB61362, BB61363, BB61364, BB61365)

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

QC Comments: QC Batch 97591 04/03/12 (BB61366, BB61367)

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

QC (Site Specific)

———— Sample No: BB61366, QA/QC Batch: 197591 ————

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

A matrix effect is suspected when a MS/MSD recovery is outside of criteria. No further action is required if LCS/LCSD compounds are within criteria.

QC (Batch Specific)

———— Sample No: BB61346, QA/QC Batch: 197590 ————

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: % TCMX (Surrogate Rec)(35.3%)



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

April 11, 2012

SDG I.D.: GBB61351

Temperature Narration

The samples were received at 19C with cooling initiated.
No bias in the sample results are suspected due to temperature.

Printed Name

Position: Chemist

Date: 4/11/2012 8:53:59 AM

3/14


FUSS & O'NEILL
Disciplines to Deliver

(860) 646-2469 • www.FandO.com

- ☐ 146 Hartford Road, Manchester, CT 06040
☒ 56 Quarry Road, Trumbull, CT 06611
☐ 1419 Richland Street, Columbia, SC 29201
☐ 78 Interstate Drive, West Springfield, MA 01089

- ☐ 50 Redfield Street, Suite 100, Boston, MA 02122
☐ 275 Promenade Street, Suite 350, Providence, RI 02908
☐ 80 Washington Street, Suite 301, Poughkeepsie, NY 12601

CHAIN-OF-CUSTODY RECORD 23994

PROJECT NAME

CENTRAL HIGH SCHOOL

PROJECT LOCATION

BRIDGEPORT, CT

PROJECT NUMBER

20110793.AZE

LABORATORY

PAPERIX

REPORT TO: KENNY MCCARTHY

INVOICE TO:

P.O. No.: 20110793.AZE

Sampler's Signature:

Date: 4/12/12

Source Codes: MW=Monitoring Well PW=Potable Water S=Soil W=Waste
 SW=Surface Water T=Treatment Facility B=Sediment A=Air

 X=Other GLAZING COMPOUND

Analysis Request

PCB-50K-HL-ET-882/35-LOC

Containers

INVOICE TO: BEVING MALL/BEVING										P.O. No: 20110703.AZE										Date: 4/6/12										Request																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
Sampler's Signature: [Signature]										Date: 4/6/12										Source Codes: W=Waste										Plastic - NaOH, 250 ml										Plastic - HNO ₃ , 250 ml										Plastic - H ₂ SO ₄ , 250 ml										Plastic - As Is, 250 ml										Plastic - As Is, 500 ml										Plastic - As Is, 1000 ml										Unfiltered																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
Source Codes: PW=Potable Water										S=Soil										W=Waste										Glass VOA Vial, 250 ml										Glass VOA Vial, 500 ml										Glass VOA Vial, 1000 ml										Glass VOA Vial, 250 ml										Glass VOA Vial, 500 ml										Glass VOA Vial, 1000 ml										Glass VOA Vial, 250 ml										Glass VOA Vial, 500 ml										Glass VOA Vial, 1000 ml										Glass VOA Vial, 250 ml										Glass VOA Vial, 500 ml										Glass VOA Vial, 1000 ml										Glass VOA Vial, 250 ml										Glass VOA Vial, 500 ml										Glass VOA Vial, 1000 ml										Glass VOA Vial, 250 ml										Glass VOA Vial, 500 ml										Glass VOA Vial, 1000 ml										Glass VOA Vial, 250 ml										Glass VOA Vial, 500 ml										Glass VOA Vial, 1000 ml										Glass VOA Vial, 250 ml										Glass VOA Vial, 500 ml										Glass VOA Vial, 1000 ml										Glass VOA Vial, 250 ml										Glass VOA Vial, 500 ml										Glass VOA Vial, 1000 ml										Glass VOA Vial, 250 ml										Glass VOA Vial, 500 ml										Glass VOA Vial, 1000 ml										Glass VOA Vial, 250 ml										Glass VOA Vial, 500 ml										Glass VOA Vial, 1000 ml										Glass VOA Vial, 250 ml										Glass VOA Vial, 500 ml										Glass VOA Vial, 1000 ml										Glass VOA Vial, 250 ml										Glass VOA Vial, 500 ml										Glass VOA Vial, 1000 ml										Glass VOA Vial, 250 ml										Glass VOA Vial, 500 ml										Glass VOA Vial, 1000 ml										Glass VOA Vial, 250 ml										Glass VOA Vial, 500 ml										Glass VOA Vial, 1000 ml										Glass VOA Vial, 250 ml										Glass VOA Vial, 500 ml										Glass VOA Vial, 1000 ml										Glass VOA Vial, 250 ml										Glass VOA Vial, 500 ml										Glass VOA Vial, 1000 ml										Glass VOA Vial, 250 ml										Glass VOA Vial, 500 ml										Glass VOA Vial, 1000 ml										Glass VOA Vial, 250 ml										Glass VOA Vial, 500 ml										Glass VOA Vial, 1000 ml										Glass VOA Vial, 250 ml										Glass VOA Vial, 500 ml										Glass VOA Vial, 1000 ml										Glass VOA Vial, 250 ml										Glass VOA Vial, 500 ml										Glass VOA Vial, 1000 ml										Glass VOA Vial, 250 ml										Glass VOA Vial, 500 ml										Glass VOA Vial, 1000 ml										Glass VOA Vial, 250 ml										Glass VOA Vial, 500 ml										Glass VOA Vial, 1000 ml										Glass VOA Vial, 250 ml										Glass VOA Vial, 500 ml										Glass VOA Vial, 1000 ml										Glass VOA Vial, 250 ml										Glass VOA Vial, 500 ml										Glass VOA Vial, 1000 ml										Glass VOA Vial, 250 ml										Glass VOA Vial, 500 ml										Glass VOA Vial, 1000 ml										Glass VOA Vial, 250 ml										Glass VOA Vial, 500 ml										Glass VOA Vial, 1000 ml										Glass VOA Vial, 250 ml										Glass VOA Vial, 500 ml										Glass VOA Vial, 1000 ml										Glass VOA Vial, 250 ml										Glass VOA Vial, 500 ml										Glass VOA Vial, 1000 ml										Glass VOA Vial, 250 ml										Glass VOA Vial, 500 ml										Glass VOA Vial, 1000 ml										Glass VOA Vial, 250 ml										Glass VOA Vial, 500 ml										Glass VOA Vial, 1000 ml										Glass VOA Vial, 250 ml										Glass VOA Vial, 500 ml										Glass VOA Vial, 1000 ml										Glass VOA Vial, 250 ml										Glass VOA Vial, 500 ml										Glass VOA Vial, 1000 ml										Glass VOA Vial, 250 ml										Glass VOA Vial, 500 ml										Glass VOA Vial, 1000 ml										Glass VOA Vial, 250 ml										Glass VOA Vial, 500 ml										Glass VOA Vial, 1000 ml										Glass VOA Vial, 250 ml										Glass VOA Vial, 500 ml										Glass VOA Vial, 1000 ml										Glass VOA Vial, 250 ml										Glass VOA Vial, 500 ml										Glass VOA Vial, 1000 ml										Glass VOA Vial, 250 ml										Glass VOA Vial, 500 ml										Glass VOA Vial, 1000 ml										Glass VOA Vial, 250 ml										Glass VOA Vial, 500 ml										Glass VOA Vial, 1000 ml										Glass VOA Vial, 250 ml										Glass VOA Vial, 500 ml										Glass VOA Vial, 1000 ml										Glass VOA Vial, 250 ml										Glass VOA Vial, 500 ml										Glass VOA Vial, 1000 ml										Glass VOA Vial, 250 ml										Glass VOA Vial, 500 ml										Glass VOA Vial, 1000 ml										Glass VOA Vial, 250 ml										Glass VOA Vial, 500 ml										Glass VOA Vial, 1000 ml										Glass VOA Vial, 250 ml										Glass VOA Vial, 500 ml										Glass VOA Vial, 1000 ml										Glass VOA Vial, 250 ml										Glass VOA Vial, 500 ml										Glass VOA Vial, 1000 ml										Glass VOA Vial, 250 ml										Glass VOA Vial, 500 ml										Glass VOA Vial, 1000 ml										Glass VOA Vial, 250 ml										Glass VOA Vial, 500 ml										Glass VOA Vial, 1000 ml										Glass VOA Vial, 250 ml										Glass VOA Vial, 500 ml										Glass VOA Vial, 1000 ml										Glass VOA Vial, 250 ml										Glass VOA Vial, 500 ml										Glass VOA Vial, 1000 ml										Glass VOA Vial, 250 ml										Glass VOA Vial, 500 ml										Glass VOA Vial, 1000 ml										Glass VOA Vial, 250 ml										Glass VOA Vial, 500 ml										Glass VOA Vial, 1000 ml										Glass VOA Vial, 250 ml										Glass VOA Vial, 500 ml										Glass VOA Vial, 1000 ml										Glass VOA Vial, 250 ml										Glass VOA Vial, 500 ml										Glass VOA Vial, 1000 ml										Glass VOA Vial, 250 ml										Glass VOA Vial, 500 ml										Glass VOA Vial, 1000 ml										Glass VOA Vial, 250 ml										Glass VOA Vial, 500 ml										Glass VOA Vial, 1000 ml										Glass VOA Vial, 250 ml										Glass VOA Vial, 500 ml										Glass VOA Vial, 1000 ml										Glass VOA Vial, 250 ml										Glass VOA Vial, 500 ml										Glass VOA Vial, 1000 ml										Glass VOA Vial, 250 ml										Glass VOA Vial, 500 ml										Glass VOA Vial, 1000 ml										Glass VOA Vial, 250 ml										Glass VOA Vial, 500 ml										Glass VOA Vial, 1000 ml										Glass VOA Vial, 250 ml										Glass VOA Vial, 500 ml										Glass VOA Vial, 1000 ml										Glass VOA Vial, 250 ml										Glass VOA Vial, 500 ml										Glass VOA Vial, 1000 ml										Glass VOA Vial, 250 ml										Glass VOA Vial, 500 ml										Glass VOA Vial, 1000 ml										Glass VOA Vial, 250 ml										Glass VOA Vial, 500 ml										Glass VOA Vial, 1000 ml										Glass VOA Vial, 250 ml										Glass VOA Vial, 500 ml										Glass VOA Vial, 1000 ml										Glass VOA Vial, 250 ml										Glass VOA Vial, 500 ml										Glass VOA Vial, 1000 ml										Glass VOA Vial, 250 ml										Glass VOA Vial, 500 ml										Glass VOA Vial, 1000 ml										Glass VOA Vial, 250 ml										Glass VOA Vial, 500 ml										Glass VOA Vial, 1000 ml										Glass VOA Vial, 250 ml										Glass VOA Vial, 500 ml										Glass VOA Vial, 1000 ml										Glass VOA Vial, 250 ml										Glass VOA Vial, 500 ml										Glass VOA Vial, 1000 ml										Glass VOA Vial, 250 ml										Glass VOA Vial, 500 ml										Glass VOA Vial, 1000 ml										Glass VOA Vial, 250 ml										Glass VOA Vial, 500 ml										Glass VOA Vial, 1000 ml										Glass VOA Vial, 250 ml										Glass VOA Vial, 500 ml										Glass VOA Vial, 1000 ml										Glass VOA Vial, 250 ml										Glass VOA Vial, 500 ml										Glass VOA Vial, 1000 ml										Glass VOA Vial, 250 ml										Glass VOA Vial, 500 ml										Glass VOA Vial, 1000 ml										Glass VOA Vial, 250 ml										Glass VOA Vial, 500 ml										Glass VOA Vial, 1000 ml										Glass VOA Vial, 250 ml										Glass VOA Vial, 500 ml										Glass VOA Vial, 1000 ml										Glass VOA Vial, 250 ml										Glass VOA Vial, 500 ml										Glass VOA Vial, 1000 ml										Glass VOA Vial, 250 ml										Glass VOA Vial, 500 ml										Glass VOA Vial, 1000 ml										Glass VOA Vial, 250 ml										Glass VOA Vial, 500 ml										Glass VOA Vial, 1000 ml										Glass VOA Vial, 250 ml										Glass VOA Vial, 500 ml										Glass VOA Vial, 1000 ml										Glass VOA Vial, 250 ml										Glass VOA Vial, 500 ml										Glass VOA Vial, 1000 ml										Glass VOA Vial, 250 ml										Glass VOA Vial, 500 ml										Glass VOA Vial, 1000 ml										Glass VOA Vial, 250 ml										Glass VOA Vial, 500 ml										Glass VOA Vial, 1000 ml										Glass VOA Vial, 250 ml										Glass VOA Vial, 500 ml										Glass VOA Vial, 1000 ml										Glass VOA Vial, 250 ml										Glass VOA Vial, 500 ml										Glass VOA Vial, 1000 ml										Glass VOA Vial, 250 ml										Glass VOA Vial, 500 ml										Glass VOA Vial, 1000 ml										Glass VOA Vial, 250 ml										Glass VOA Vial, 500 ml										Glass VOA Vial, 1000 ml										Glass VOA Vial, 250 ml										Glass VOA Vial, 500 ml										Glass VOA Vial, 1000 ml										Glass VOA Vial, 250 ml										Glass VOA Vial, 500 ml										Glass VOA Vial, 1000 ml										Glass VOA Vial, 250 ml										Glass VOA Vial, 500 ml										Glass VOA Vial, 1000 ml										Glass VOA Vial, 250 ml										Glass VOA Vial, 500 ml										Glass VOA Vial, 1000 ml										Glass VOA Vial, 250 ml										Glass VOA Vial, 500 ml										Glass VOA Vial, 1000 ml										Glass VOA Vial, 250 ml										Glass VOA Vial, 500 ml									

Transfer Number

1

2

3

4

Relinquished By

Accepted By

Date

4/12/12

Reporting and Detection Limit Requirements:

2 L PPM

Additional Comments:

FAX RESULTS TO 860-812-2228

4/4


FUSS & O'NEILL
Disciplines to Deliver

(860) 646-2469 • www.FandO.com

- ☐ 146 Hartford Road, Manchester, CT 06040
☒ 56 Quarry Road, Trumbull, CT 06611
☐ 1419 Richland Street, Columbia, SC 29201
☐ 78 Interstate Drive, West Springfield, MA 01089

- ☐ 50 Redfield Street, Suite 100, Boston, MA 02122
☐ 275 Promenade Street, Suite 350, Providence, RI 02908
☐ 80 Washington Street, Suite 301, Poughkeepsie, NY 12601

CHAIN-OF-CUSTODY RECORD 23995

PROJECT NAME

CENTRAL HIGH SCHOOL

PROJECT LOCATION

BRIDGEPORT, CT

PROJECT NUMBER

2010793.AZE

LABORATORY

PHOENIX

REPORT TO: KEVIN MCCARTHY

INVOICE TO:

P.O. NO.: 2010793.AZE

Sampler's Signature: *[Signature]*

Date: 4/3/12

Source Codes:

MW=Monitoring Well

SW=Surface Water

PW=Potable Water

T=Treatment Facility

S=Soil

B=Sediment

W=Waste

A=Air

X=Other

CAULKING/GLAZING COMPOUND

Item No.	Transfer Check				Sample Number	Source Code	Date Sampled	Time Sampled
	1	2	3	4				
27					2012-0403-0126	X	4-2-12	PM
28					ST-ED/WC-01A	X		
29					ST-ED/WC-01B	X		
30					ST-ED/WC-01C	X		
31					ST-ED/WC-01D-R	X		
32					ST-ID/WC-01A	X		
33					ST-ID/WC-01B	X		
34					ST-ID/WC-01C	X		
35					ST-ID/WC-01D	X		
36					ST-ID/WC-01A	X		

Analysis Request

P.B. EXHIBIT 8032/35402

Containers

Soil VOA Vial ()	Soil VOA Vial ()	Class Soil Container ()	Class Soil Container ()	Other	Water VOA Vial ()	Glass Amber ()	Plastic - As Is ()	Plastic - H ₂ SO ₄ ()	Plastic - HNO ₃ ()	Plastic - NaOH ()	Comments
Soil VOA Vial ()	Soil VOA Vial ()	Class Soil Container ()	Class Soil Container ()	Other	Water VOA Vial ()	Glass Amber ()	Plastic - As Is ()	Plastic - H ₂ SO ₄ ()	Plastic - HNO ₃ ()	Plastic - NaOH ()	Comments
X	X	X	X	X	X	X	X	X	X	X	013600
X	X	X	X	X	X	X	X	X	X	X	013601
X	X	X	X	X	X	X	X	X	X	X	013602
X	X	X	X	X	X	X	X	X	X	X	013603
X	X	X	X	X	X	X	X	X	X	X	013604
X	X	X	X	X	X	X	X	X	X	X	013605
X	X	X	X	X	X	X	X	X	X	X	013606
X	X	X	X	X	X	X	X	X	X	X	013607

Transfer Number

Relinquished By

Accepted By

Date

Reporting and Detection Limit Requirements:

1

2

3

4

4/3/12 10:11

4/3/12 10:11

4/3/12 10:11

FAX RESULTS TO 860-812-2228

Additional Comments:



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 03, 2013

FOR: Attn: Mr Kevin McCarthy;
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: 24 Hour
P.O.#: 20110793A2E

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date

Time

03/28/13 14:45
03/29/13 16:30

Laboratory Data

SDG ID: GBD52991
Phoenix ID: BD52991

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201303281203-CT-01A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	04/01/13	LB	E160.3
Extraction for PCB	Completed			03/29/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.67	mg/kg	04/01/13	AW	3540C/8082
PCB-1221	ND	0.67	mg/kg	04/01/13	AW	3540C/8082
PCB-1232	ND	0.67	mg/kg	04/01/13	AW	3540C/8082
PCB-1242	ND	0.67	mg/kg	04/01/13	AW	3540C/8082
PCB-1248	ND	0.67	mg/kg	04/01/13	AW	3540C/8082
PCB-1254	ND	0.67	mg/kg	04/01/13	AW	3540C/8082
PCB-1260	ND	0.67	mg/kg	04/01/13	AW	3540C/8082
PCB-1262	ND	0.67	mg/kg	04/01/13	AW	3540C/8082
PCB-1268	ND	0.67	mg/kg	04/01/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	68	%	04/01/13	AW	30 - 150 %
% TCMX	63	%	04/01/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201303281203-CT-01A

Phoenix I.D.: BD52991

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

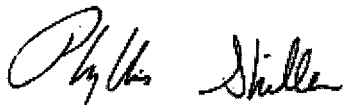
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

April 03, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 03, 2013

FOR: Attn: Mr Kevin McCarthy;
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: 24 Hour
P.O.#: 20110793A2E

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date

03/28/13
03/29/13

Time

14:47
16:30

Laboratory Data

SDG ID: GBD52991
Phoenix ID: BD52992

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201303281203-CT-01B

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	04/01/13	LB	E160.3
Extraction for PCB	Completed			03/29/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.74	mg/kg	04/01/13	AW	3540C/8082
PCB-1221	ND	0.74	mg/kg	04/01/13	AW	3540C/8082
PCB-1232	ND	0.74	mg/kg	04/01/13	AW	3540C/8082
PCB-1242	ND	0.74	mg/kg	04/01/13	AW	3540C/8082
PCB-1248	ND	0.74	mg/kg	04/01/13	AW	3540C/8082
PCB-1254	ND	0.74	mg/kg	04/01/13	AW	3540C/8082
PCB-1260	ND	0.74	mg/kg	04/01/13	AW	3540C/8082
PCB-1262	ND	0.74	mg/kg	04/01/13	AW	3540C/8082
PCB-1268	ND	0.74	mg/kg	04/01/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	68	%	04/01/13	AW	30 - 150 %
% TCMX	71	%	04/01/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201303281203-CT-01B

Phoenix I.D.: BD52992

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

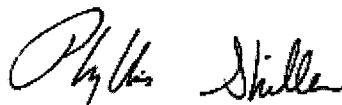
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

April 03, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 03, 2013

FOR: Attn: Mr Kevin McCarthy;
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: 24 Hour
P.O.#: 20110793A2E

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date

Time

03/28/13 14:49
03/29/13 16:30

Laboratory Data

SDG ID: GBD52991
Phoenix ID: BD52993

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201303281203-CT-01C

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	04/01/13	LB	E160.3
Extraction for PCB	Completed			03/29/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.73	mg/kg	04/01/13	AW	3540C/8082
PCB-1221	ND	0.73	mg/kg	04/01/13	AW	3540C/8082
PCB-1232	ND	0.73	mg/kg	04/01/13	AW	3540C/8082
PCB-1242	ND	0.73	mg/kg	04/01/13	AW	3540C/8082
PCB-1248	ND	0.73	mg/kg	04/01/13	AW	3540C/8082
PCB-1254	ND	0.73	mg/kg	04/01/13	AW	3540C/8082
PCB-1260	ND	0.73	mg/kg	04/01/13	AW	3540C/8082
PCB-1262	ND	0.73	mg/kg	04/01/13	AW	3540C/8082
PCB-1268	ND	0.73	mg/kg	04/01/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	72	%	04/01/13	AW	30 - 150 %
% TCMX	56	%	04/01/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201303281203-CT-01C

Phoenix I.D.: BD52993

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------


RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

April 03, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 03, 2013

FOR: Attn: Mr Kevin McCarthy;
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: 24 Hour
P.O.#: 20110793A2E

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date

03/28/13
03/29/13

Time

14:51
16:30

Laboratory Data

SDG ID: GBD52991
Phoenix ID: BD52994

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201303281203-CT-02A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	04/01/13	LB	E160.3
Extraction for PCB	Completed			03/29/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.99	mg/kg	04/01/13	AW	3540C/8082
PCB-1221	ND	0.99	mg/kg	04/01/13	AW	3540C/8082
PCB-1232	ND	0.99	mg/kg	04/01/13	AW	3540C/8082
PCB-1242	ND	0.99	mg/kg	04/01/13	AW	3540C/8082
PCB-1248	ND	0.99	mg/kg	04/01/13	AW	3540C/8082
PCB-1254	ND	0.99	mg/kg	04/01/13	AW	3540C/8082
PCB-1260	ND	0.99	mg/kg	04/01/13	AW	3540C/8082
PCB-1262	ND	0.99	mg/kg	04/01/13	AW	3540C/8082
PCB-1268	ND	0.99	mg/kg	04/01/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	73	%	04/01/13	AW	30 - 150 %
% TCMX	56	%	04/01/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201303281203-CT-02A

Phoenix I.D.: BD52994

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

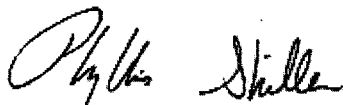
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

April 03, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 03, 2013

FOR: Attn: Mr Kevin McCarthy;
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: 24 Hour
P.O.#: 20110793A2E

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date

Time

03/28/13 14:53
03/29/13 16:30

Laboratory Data

SDG ID: GBD52991
Phoenix ID: BD52995

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201303281203-CT-02B

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	04/01/13	LB	E160.3
Extraction for PCB	Completed			03/29/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.43	mg/kg	04/01/13	AW	3540C/8082
PCB-1221	ND	0.43	mg/kg	04/01/13	AW	3540C/8082
PCB-1232	ND	0.43	mg/kg	04/01/13	AW	3540C/8082
PCB-1242	ND	0.43	mg/kg	04/01/13	AW	3540C/8082
PCB-1248	ND	0.43	mg/kg	04/01/13	AW	3540C/8082
PCB-1254	ND	0.43	mg/kg	04/01/13	AW	3540C/8082
PCB-1260	ND	0.43	mg/kg	04/01/13	AW	3540C/8082
PCB-1262	ND	0.43	mg/kg	04/01/13	AW	3540C/8082
PCB-1268	ND	0.43	mg/kg	04/01/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	67	%	04/01/13	AW	30 - 150 %
% TCMX	64	%	04/01/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201303281203-CT-02B

Phoenix I.D.: BD52995

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------


RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

April 03, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 03, 2013

FOR: Attn: Mr Kevin McCarthy;
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: 24 Hour
P.O.#: 20110793A2E

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date

03/28/13
03/29/13

Time

14:55
16:30

Laboratory Data

SDG ID: GBD52991
Phoenix ID: BD52996

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201303281203-CT-02C

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	04/01/13	LB	E160.3
Extraction for PCB	Completed			03/29/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.47	mg/kg	04/01/13	AW	3540C/8082
PCB-1221	ND	0.47	mg/kg	04/01/13	AW	3540C/8082
PCB-1232	ND	0.47	mg/kg	04/01/13	AW	3540C/8082
PCB-1242	ND	0.47	mg/kg	04/01/13	AW	3540C/8082
PCB-1248	ND	0.47	mg/kg	04/01/13	AW	3540C/8082
PCB-1254	ND	0.47	mg/kg	04/01/13	AW	3540C/8082
PCB-1260	ND	0.47	mg/kg	04/01/13	AW	3540C/8082
PCB-1262	ND	0.47	mg/kg	04/01/13	AW	3540C/8082
PCB-1268	ND	0.47	mg/kg	04/01/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	71	%	04/01/13	AW	30 - 150 %
% TCMX	70	%	04/01/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201303281203-CT-02C

Phoenix I.D.: BD52996

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

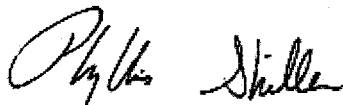
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

April 03, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 03, 2013

FOR: Attn: Mr Kevin McCarthy;
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: 24 Hour
P.O.#: 20110793A2E

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date

03/28/13
03/29/13

Time

14:57
16:30

Laboratory Data

SDG ID: GBD52991
Phoenix ID: BD52997

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201303281203-CT-03A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	04/01/13	LB	E160.3
Extraction for PCB	Completed			03/29/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.7	mg/kg	04/01/13	AW	3540C/8082
PCB-1221	ND	0.7	mg/kg	04/01/13	AW	3540C/8082
PCB-1232	ND	0.7	mg/kg	04/01/13	AW	3540C/8082
PCB-1242	ND	0.7	mg/kg	04/01/13	AW	3540C/8082
PCB-1248	ND	0.7	mg/kg	04/01/13	AW	3540C/8082
PCB-1254	ND	0.7	mg/kg	04/01/13	AW	3540C/8082
PCB-1260	ND	0.7	mg/kg	04/01/13	AW	3540C/8082
PCB-1262	ND	0.7	mg/kg	04/01/13	AW	3540C/8082
PCB-1268	ND	0.7	mg/kg	04/01/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	70	%	04/01/13	AW	30 - 150 %
% TCMX	68	%	04/01/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201303281203-CT-03A

Phoenix I.D.: BD52997

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

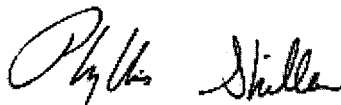
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

April 03, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 03, 2013

FOR: Attn: Mr Kevin McCarthy;
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: 24 Hour
P.O.#: 20110793A2E

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date

03/28/13
03/29/13

Time

14:59
16:30

Laboratory Data

SDG ID: GBD52991
Phoenix ID: BD52998

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201303281203-CT-03B

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	04/01/13	LB	E160.3
Extraction for PCB	Completed			03/29/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.69	mg/kg	04/01/13	AW	3540C/8082
PCB-1221	ND	0.69	mg/kg	04/01/13	AW	3540C/8082
PCB-1232	ND	0.69	mg/kg	04/01/13	AW	3540C/8082
PCB-1242	ND	0.69	mg/kg	04/01/13	AW	3540C/8082
PCB-1248	ND	0.69	mg/kg	04/01/13	AW	3540C/8082
PCB-1254	ND	0.69	mg/kg	04/01/13	AW	3540C/8082
PCB-1260	ND	0.69	mg/kg	04/01/13	AW	3540C/8082
PCB-1262	ND	0.69	mg/kg	04/01/13	AW	3540C/8082
PCB-1268	ND	0.69	mg/kg	04/01/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	66	%	04/01/13	AW	30 - 150 %
% TCMX	53	%	04/01/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201303281203-CT-03B

Phoenix I.D.: BD52998

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

April 03, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 03, 2013

FOR: Attn: Mr Kevin McCarthy;
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: 24 Hour
P.O.#: 20110793A2E

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date

03/28/13
03/29/13

Time

15:01
16:30

Laboratory Data

SDG ID: GBD52991
Phoenix ID: BD52999

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201303281203-CT-03C

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	04/01/13	LB	E160.3
Extraction for PCB	Completed			03/29/13	PP/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.73	mg/kg	04/01/13	AW	3540C/8082
PCB-1221	ND	0.73	mg/kg	04/01/13	AW	3540C/8082
PCB-1232	ND	0.73	mg/kg	04/01/13	AW	3540C/8082
PCB-1242	ND	0.73	mg/kg	04/01/13	AW	3540C/8082
PCB-1248	ND	0.73	mg/kg	04/01/13	AW	3540C/8082
PCB-1254	ND	0.73	mg/kg	04/01/13	AW	3540C/8082
PCB-1260	ND	0.73	mg/kg	04/01/13	AW	3540C/8082
PCB-1262	ND	0.73	mg/kg	04/01/13	AW	3540C/8082
PCB-1268	ND	0.73	mg/kg	04/01/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	66		%	04/01/13	AW	30 - 150 %
% TCMX	68		%	04/01/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201303281203-CT-03C

Phoenix I.D.: BD52999

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

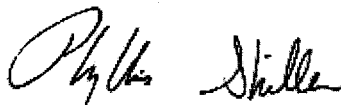
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

April 03, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 03, 2013

FOR: Attn: Mr Kevin McCarthy;
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: 24 Hour
P.O.#: 20110793A2E

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date

Time

03/28/13 15:05
03/29/13 16:30

Laboratory Data

SDG ID: GBD52991
Phoenix ID: BD53000

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201303281203-CT-04A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	04/01/13	LB	E160.3
Extraction for PCB	Completed			03/29/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.87	mg/kg	04/01/13	AW	3540C/8082
PCB-1221	ND	0.87	mg/kg	04/01/13	AW	3540C/8082
PCB-1232	ND	0.87	mg/kg	04/01/13	AW	3540C/8082
PCB-1242	ND	0.87	mg/kg	04/01/13	AW	3540C/8082
PCB-1248	ND	0.87	mg/kg	04/01/13	AW	3540C/8082
PCB-1254	ND	0.87	mg/kg	04/01/13	AW	3540C/8082
PCB-1260	ND	0.87	mg/kg	04/01/13	AW	3540C/8082
PCB-1262	ND	0.87	mg/kg	04/01/13	AW	3540C/8082
PCB-1268	ND	0.87	mg/kg	04/01/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	67	%	04/01/13	AW	30 - 150 %
% TCMX	71	%	04/01/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201303281203-CT-04A

Phoenix I.D.: BD53000

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

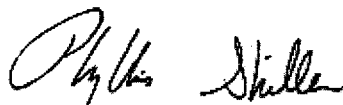
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

April 03, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 03, 2013

FOR: Attn: Mr Kevin McCarthy;
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: 24 Hour
P.O.#: 20110793A2E

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date

03/28/13
03/29/13

Time

15:10
16:30

Laboratory Data

SDG ID: GBD52991
Phoenix ID: BD53001

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201303281203-CT-04B

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	04/01/13	LB	E160.3
Extraction for PCB	Completed			03/29/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.96	mg/kg	04/01/13	AW	3540C/8082
PCB-1221	ND	0.96	mg/kg	04/01/13	AW	3540C/8082
PCB-1232	ND	0.96	mg/kg	04/01/13	AW	3540C/8082
PCB-1242	ND	0.96	mg/kg	04/01/13	AW	3540C/8082
PCB-1248	ND	0.96	mg/kg	04/01/13	AW	3540C/8082
PCB-1254	ND	0.96	mg/kg	04/01/13	AW	3540C/8082
PCB-1260	ND	0.96	mg/kg	04/01/13	AW	3540C/8082
PCB-1262	ND	0.96	mg/kg	04/01/13	AW	3540C/8082
PCB-1268	ND	0.96	mg/kg	04/01/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	61	%	04/01/13	AW	30 - 150 %
% TCMX	67	%	04/01/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201303281203-CT-04B

Phoenix I.D.: BD53001

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

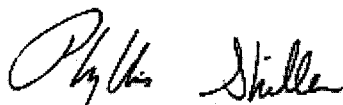
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

April 03, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 03, 2013

FOR: Attn: Mr Kevin McCarthy;
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: 24 Hour
P.O.#: 20110793A2E

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date

03/28/13
03/29/13

Time

15:15
16:30

Laboratory Data

SDG ID: GBD52991
Phoenix ID: BD53002

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201303281203-CT-04C

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	04/01/13	LB	E160.3
Extraction for PCB	Completed			03/29/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.87	mg/kg	04/01/13	AW	3540C/8082
PCB-1221	ND	0.87	mg/kg	04/01/13	AW	3540C/8082
PCB-1232	ND	0.87	mg/kg	04/01/13	AW	3540C/8082
PCB-1242	ND	0.87	mg/kg	04/01/13	AW	3540C/8082
PCB-1248	ND	0.87	mg/kg	04/01/13	AW	3540C/8082
PCB-1254	ND	0.87	mg/kg	04/01/13	AW	3540C/8082
PCB-1260	ND	0.87	mg/kg	04/01/13	AW	3540C/8082
PCB-1262	ND	0.87	mg/kg	04/01/13	AW	3540C/8082
PCB-1268	ND	0.87	mg/kg	04/01/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	62	%	04/01/13	AW	30 - 150 %
% TCMX	68	%	04/01/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201303281203-CT-04C

Phoenix I.D.: BD53002

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

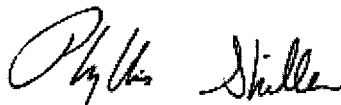
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

April 03, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 03, 2013

FOR: Attn: Mr Kevin McCarthy;
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: 24 Hour
P.O.#: 20110793A2E

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date

03/28/13
03/29/13

Time

15:20
16:30

Laboratory Data

SDG ID: GBD52991
Phoenix ID: BD53003

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201303281203-CT-05A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	04/01/13	LB	E160.3
Extraction for PCB	Completed			03/29/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.5	mg/kg	04/01/13	AW	3540C/8082
PCB-1221	ND	0.5	mg/kg	04/01/13	AW	3540C/8082
PCB-1232	ND	0.5	mg/kg	04/01/13	AW	3540C/8082
PCB-1242	ND	0.5	mg/kg	04/01/13	AW	3540C/8082
PCB-1248	ND	0.5	mg/kg	04/01/13	AW	3540C/8082
PCB-1254	ND	0.5	mg/kg	04/01/13	AW	3540C/8082
PCB-1260	ND	0.5	mg/kg	04/01/13	AW	3540C/8082
PCB-1262	ND	0.5	mg/kg	04/01/13	AW	3540C/8082
PCB-1268	ND	0.5	mg/kg	04/01/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	64	%	04/01/13	AW	30 - 150 %
% TCMX	69	%	04/01/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201303281203-CT-05A

Phoenix I.D.: BD53003

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

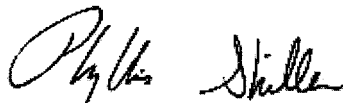
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

April 03, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 03, 2013

FOR: Attn: Mr Kevin McCarthy;
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: 24 Hour
P.O.#: 20110793A2E

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date

03/28/13
03/29/13

Time

15:25
16:30

Laboratory Data

SDG ID: GBD52991
Phoenix ID: BD53004

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201303281203-CT-05B

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	04/01/13	LB	E160.3
Extraction for PCB	Completed			03/29/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.61	mg/kg	04/01/13	AW	3540C/8082
PCB-1221	ND	0.61	mg/kg	04/01/13	AW	3540C/8082
PCB-1232	ND	0.61	mg/kg	04/01/13	AW	3540C/8082
PCB-1242	ND	0.61	mg/kg	04/01/13	AW	3540C/8082
PCB-1248	ND	0.61	mg/kg	04/01/13	AW	3540C/8082
PCB-1254	ND	0.61	mg/kg	04/01/13	AW	3540C/8082
PCB-1260	ND	0.61	mg/kg	04/01/13	AW	3540C/8082
PCB-1262	ND	0.61	mg/kg	04/01/13	AW	3540C/8082
PCB-1268	ND	0.61	mg/kg	04/01/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	72	%	04/01/13	AW	30 - 150 %
% TCMX	69	%	04/01/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201303281203-CT-05B

Phoenix I.D.: BD53004

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

April 03, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 03, 2013

FOR: Attn: Mr Kevin McCarthy;
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: 24 Hour
P.O.#: 20110793A2E

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date

Time

03/28/13 15:30
03/29/13 16:30

Laboratory Data

SDG ID: GBD52991
Phoenix ID: BD53005

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201303281203-CT-05C

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	04/01/13	LB	E160.3
Extraction for PCB	Completed			03/29/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.57	mg/kg	04/01/13	AW	3540C/8082
PCB-1221	ND	0.57	mg/kg	04/01/13	AW	3540C/8082
PCB-1232	ND	0.57	mg/kg	04/01/13	AW	3540C/8082
PCB-1242	ND	0.57	mg/kg	04/01/13	AW	3540C/8082
PCB-1248	ND	0.57	mg/kg	04/01/13	AW	3540C/8082
PCB-1254	ND	0.57	mg/kg	04/01/13	AW	3540C/8082
PCB-1260	ND	0.57	mg/kg	04/01/13	AW	3540C/8082
PCB-1262	ND	0.57	mg/kg	04/01/13	AW	3540C/8082
PCB-1268	ND	0.57	mg/kg	04/01/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	69	%	04/01/13	AW	30 - 150 %
% TCMX	67	%	04/01/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201303281203-CT-05C

Phoenix I.D.: BD53005

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

April 03, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 03, 2013

FOR: Attn: Mr Kevin McCarthy;
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: 24 Hour
P.O.#: 20110793A2E

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date

03/28/13
03/29/13

Time

15:35
16:30

Laboratory Data

SDG ID: GBD52991
Phoenix ID: BD53006

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201303281203-CT-06A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	04/01/13	LB	E160.3
Extraction for PCB	Completed			03/29/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.78	mg/kg	04/01/13	AW	3540C/8082
PCB-1221	ND	0.78	mg/kg	04/01/13	AW	3540C/8082
PCB-1232	ND	0.78	mg/kg	04/01/13	AW	3540C/8082
PCB-1242	ND	0.78	mg/kg	04/01/13	AW	3540C/8082
PCB-1248	ND	0.78	mg/kg	04/01/13	AW	3540C/8082
PCB-1254	*	0.78	mg/kg	04/01/13	AW	3540C/8082
PCB-1260	ND	0.78	mg/kg	04/01/13	AW	3540C/8082
PCB-1262	ND	0.78	mg/kg	04/01/13	AW	3540C/8082
PCB-1268	ND	0.78	mg/kg	04/01/13	AW	3540C/8082
Total PCBs	2.5	0.78	mg/kg	04/01/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	83	%	04/01/13	AW	30 - 150 %
% TCMX	76	%	04/01/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201303281203-CT-06A

Phoenix I.D.: BD53006

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

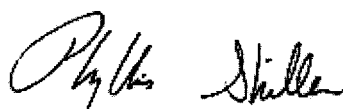
Comments:

* For PCBs, as per section 11.9.3, when weathering of PCBs is present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles aroclor 1254.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

April 03, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 03, 2013

FOR: Attn: Mr Kevin McCarthy;
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: 24 Hour
P.O.#: 20110793A2E

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
03/28/13	15:40
03/29/13	16:30

Laboratory Data

SDG ID: GBD52991
Phoenix ID: BD53007

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201303281203-CT-06B

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	04/01/13	LB	E160.3
Extraction for PCB	Completed			03/29/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.82	mg/kg	04/01/13	AW	3540C/8082
PCB-1221	ND	0.82	mg/kg	04/01/13	AW	3540C/8082
PCB-1232	ND	0.82	mg/kg	04/01/13	AW	3540C/8082
PCB-1242	ND	0.82	mg/kg	04/01/13	AW	3540C/8082
PCB-1248	ND	0.82	mg/kg	04/01/13	AW	3540C/8082
PCB-1254	*	0.82	mg/kg	04/01/13	AW	3540C/8082
PCB-1260	ND	0.82	mg/kg	04/01/13	AW	3540C/8082
PCB-1262	ND	0.82	mg/kg	04/01/13	AW	3540C/8082
PCB-1268	ND	0.82	mg/kg	04/01/13	AW	3540C/8082
Total PCBs	4	0.82	mg/kg	04/01/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	90	%	04/01/13	AW	30 - 150 %
% TCMX	82	%	04/01/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201303281203-CT-06B

Phoenix I.D.: BD53007

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

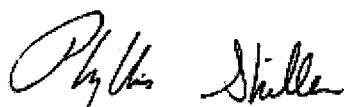
Comments:

* For PCBs, as per section 11.9.3, when weathering of PCBs is present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles aroclor 1254.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

April 03, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 03, 2013

FOR: Attn: Mr Kevin McCarthy;
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: 24 Hour
P.O.#: 20110793A2E

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date

Time

03/28/13 15:45
03/29/13 16:30

Laboratory Data

SDG ID: GBD52991
Phoenix ID: BD53008

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201303281203-CT-06C

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	04/01/13	LB	E160.3
Extraction for PCB	Completed			03/29/13	TP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.61	mg/kg	04/01/13	AW	3540C/8082
PCB-1221	ND	0.61	mg/kg	04/01/13	AW	3540C/8082
PCB-1232	ND	0.61	mg/kg	04/01/13	AW	3540C/8082
PCB-1242	ND	0.61	mg/kg	04/01/13	AW	3540C/8082
PCB-1248	ND	0.61	mg/kg	04/01/13	AW	3540C/8082
PCB-1254	*	0.61	mg/kg	04/01/13	AW	3540C/8082
PCB-1260	ND	0.61	mg/kg	04/01/13	AW	3540C/8082
PCB-1262	ND	0.61	mg/kg	04/01/13	AW	3540C/8082
PCB-1268	ND	0.61	mg/kg	04/01/13	AW	3540C/8082
Total PCBs	2.7	0.61	mg/kg	04/01/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	81	%	04/01/13	AW	30 - 150 %
% TCMX	77	%	04/01/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201303281203-CT-06C

Phoenix I.D.: BD53008

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

* For PCBs, as per section 11.9.3, when weathering of PCBs is present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles aroclor 1254.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

April 03, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 03, 2013

FOR: Attn: Mr Kevin McCarthy;
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: 24 Hour
P.O.#: 20110793A2E

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
03/28/13	15:50
03/29/13	16:30

Laboratory Data

SDG ID: GBD52991
Phoenix ID: BD53009

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201303281203-CT-07A

<u>Parameter</u>	<u>Result</u>	<u>RL/ PQL</u>	<u>Units</u>	<u>Date/Time</u>	<u>By</u>	<u>Reference</u>
Percent Solid	100	1	%	04/01/13	LB	E160.3
Extraction for PCB	Completed			03/29/13	TP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.58	mg/kg	04/01/13	AW	3540C/8082
PCB-1221	ND	0.58	mg/kg	04/01/13	AW	3540C/8082
PCB-1232	ND	0.58	mg/kg	04/01/13	AW	3540C/8082
PCB-1242	ND	0.58	mg/kg	04/01/13	AW	3540C/8082
PCB-1248	ND	0.58	mg/kg	04/01/13	AW	3540C/8082
PCB-1254	ND	0.58	mg/kg	04/01/13	AW	3540C/8082
PCB-1260	ND	0.58	mg/kg	04/01/13	AW	3540C/8082
PCB-1262	ND	0.58	mg/kg	04/01/13	AW	3540C/8082
PCB-1268	ND	0.58	mg/kg	04/01/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	60	%	04/01/13	AW	30 - 150 %
% TCMX	50	%	04/01/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD53009

Client ID: 201303281203-CT-07A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

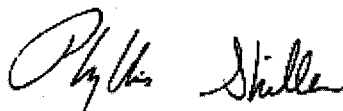
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

April 03, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 03, 2013

FOR: Attn: Mr Kevin McCarthy;
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: 24 Hour
P.O.#: 20110793A2E

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
03/28/13	15:55
03/29/13	16:30

Laboratory Data

SDG ID: GBD52991
Phoenix ID: BD53010

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201303281203-CT-07B

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	04/01/13	LB	E160.3
Extraction for PCB	Completed			03/29/13	TP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.62	mg/kg	04/01/13	AW	3540C/8082
PCB-1221	ND	0.62	mg/kg	04/01/13	AW	3540C/8082
PCB-1232	ND	0.62	mg/kg	04/01/13	AW	3540C/8082
PCB-1242	ND	0.62	mg/kg	04/01/13	AW	3540C/8082
PCB-1248	ND	0.62	mg/kg	04/01/13	AW	3540C/8082
PCB-1254	ND	0.62	mg/kg	04/01/13	AW	3540C/8082
PCB-1260	ND	0.62	mg/kg	04/01/13	AW	3540C/8082
PCB-1262	ND	0.62	mg/kg	04/01/13	AW	3540C/8082
PCB-1268	ND	0.62	mg/kg	04/01/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	90	%	04/01/13	AW	30 - 150 %
% TCMX	77	%	04/01/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201303281203-CT-07B

Phoenix I.D.: BD53010

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

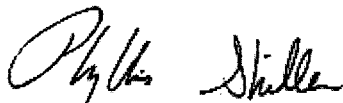
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

April 03, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

April 03, 2013

QA/QC Data

SDG I.D.: GBD52991

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
-----------	-------	----------	-----------	------------	---------	----------	-----------	--------------------	--------------------

QA/QC Batch 224780, QC Sample No: BD52667 (BD52991, BD52992, BD52993, BD52994, BD52995, BD52996, BD52997, BD52998, BD52999, BD53000, BD53001, BD53002, BD53003, BD53004, BD53005, BD53006, BD53007)

Polychlorinated Biphenyls - Solid

PCB-1016	ND	69	68	1.5	70	68	2.9	40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	77	82	6.3	85	85	0.0	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	76	70	69	1.4	71	70	1.4	30 - 150	30
% TCMX (Surrogate Rec)	75	70	70	0.0	72	70	2.8	30 - 150	30

QA/QC Batch 224802, QC Sample No: BD52990 (BD53008, BD53009, BD53010)

Polychlorinated Biphenyls - Solid

PCB-1016	ND	67	79	16.4	66	67	1.5	40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	71	78	9.4	84	83	1.2	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	73	72	78	8.0	73	73	0.0	30 - 150	30
% TCMX (Surrogate Rec)	65	64	75	15.8	73	78	6.6	30 - 150	30

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference

LCS - Laboratory Control Sample

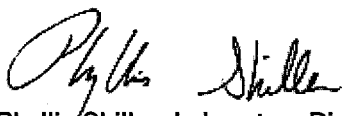
LCSD - Laboratory Control Sample Duplicate

MS - Matrix Spike

MS Dup - Matrix Spike Duplicate

NC - No Criteria

Intf - Interference


Phyllis Shiller, Laboratory Director
April 03, 2013

Wednesday, April 03, 2013
Requested Criteria: None

State: CT

SampNo Acode Phoenix Analyte

Criteria

Result

RL

Criteria

RL

Analysis
Units

Sample Criteria Exceedences Report

GBD52991 - FOPCBTR

Page 1 of 1

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Reasonable Confidence Protocol Laboratory Analysis QA/QC Certification Form

Laboratory Name: Phoenix Environmental Labs, Inc. **Client:** F&OPCBTR

Project Location: CENTRAL HIGH SCHOOL **Project Number:**

Laboratory Sample ID(s): BD52991, BD52992, BD52993, BD52994, BD52995, BD52996, BD52997, BD52998, BD52999, BD53000, BD53001, BD53002, BD53003, BD53004, BD53005, BD53006, BD53007, BD53008, BD53009, BD53010

Sampling Date(s): 3/28/2013

RCP Methods Used:

☐ 1311/1312 ☐ 6010 ☐ 7000 ☐ 7196 ☐ 7470/7471 ☐ 8081 ☐ EPH ☐ TO15
☒ 8082 ☐ 8151 ☐ 8260 ☐ 8270 ☐ ETPH ☐ 9010/9012 ☐ VPH

1.	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1a.	Were the method specified preservation and holding time requirements met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1b.	EPH and VPH methods only: Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA
2.	Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3.	Were samples received at an appropriate temperature (< 6 Degrees C)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
4.	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5a.	Were reporting limits specified or referenced on the chain-of-custody?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5b.	Were these reporting limits met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
6.	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
7.	Are project-specific matrix spikes and laboratory duplicates included in the data set?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA

Note: For all questions to which the response was "No" (with the exception of question #5a, #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence".

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized
Signature:

Rashmi Makol

Date: Wednesday, April 03, 2013

Printed Name: Rashmi Makol

Position: Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

April 03, 2013

SDG LD.: GBD52991

PCB Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Au-ecd1 04/01/13-1 (BD53000, BD53001, BD53002, BD53003, BD53008)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 4/1/2013

Instrument: Au-ecd24 04/01/13-1 (BD53010)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 4/1/2013

Instrument: Au-ecd5 04/01/13-1 (BD52991, BD52992, BD52995, BD52996, BD53009)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 4/1/2013

Instrument: Au-ecd6 04/01/13-1 (BD53004, BD53005, BD53006, BD53007)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

April 03, 2013

SDG I.D.: GBD52991

Printed Name Adam Werner
Position: Chemist
Date: 4/1/2013

Instrument: Au-ecd7 04/01/13-1 (BD52998, BD52999)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 4/1/2013

Instrument: Au-ecd8 04/01/13-1 (BD52993, BD52994, BD52997)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 4/1/2013

QC (Batch Specific)

----- Sample No: BD52667, QA/QC Batch: 224780 -----

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

----- Sample No: BD52990, QA/QC Batch: 224802 -----

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

April 03, 2013

SDG I.D.: GBD52991

Temperature Narration

The samples in this delivery group were received at 6°C.
(Note acceptance criteria is above freezing up to 6°C)



FUSS & O'NEILL

Disciplines to Deliver

(860) 646-2469 • www.FandO.com

- ☐ 146 Hartford Road, Manchester, CT 06040
☒ 56 Quarry Road, Trumbull, CT 06611
☐ 1419 Richland Street, Columbia, SC 29201
☐ 78 Interstate Drive, West Springfield, MA 01089

- ☐ 50 Redfield Street, Suite 100, Boston, MA 02122
☐ 275 Promenade Street, Suite 350, Providence, RI 02908
☐ 80 Washington Street, Suite 301, Poughkeepsie, NY 12601

CHAIN-OF-CUSTODY RECORD 26088

PROJECT NAME

Central High School

PROJECT LOCATION

Bridgeport CT

PROJECT NUMBER

20110793.A2E

LABORATORY

Phoenix

REPORT TO: Kevin McCarthy / Karen Red Field

INVOICE TO:

P.O. NO.: 20110793.A2E

Sampler's Signature: *[Signature]*

Date: 3/29/13

Source Codes:

MW=Monitoring Well

PW=Potable Water

S=Soil

W=Waste

SW=Surface Water

T=Treatment Facility

B=Sediment

A=Air

X=Other Ceiling tile

Item No.	Transfer Check				Sample Number	Source Code	Date Sampled	Time Sampled
	1	2	3	4				
1	✓	✓	✓	✓	201303281203	X	3/28/13	1445
2	✓	✓	✓	✓	-CT-01A	X	3/28/13	1447
3	✓	✓	✓	✓	-CT-01B	X	3/28/13	1449
4	✓	✓	✓	✓	-CT-01C	X	3/28/13	1451
5	✓	✓	✓	✓	-CT-02A	X	3/28/13	1453
6	✓	✓	✓	✓	-CT-02B	X	3/28/13	1455
7	✓	✓	✓	✓	-CT-02C	X	3/28/13	1457
8	✓	✓	✓	✓	-CT-03A	X	3/28/13	1459
9	✓	✓	✓	✓	-CT-03B	X	3/28/13	1501
10	✓	✓	✓	✓	-CT-03C	X	3/28/13	1505

Analysis Request

Containers

Soil VOA Vial () method	1	529991	✓
Glass Soil Container () water	1	529992	✓
Glass Soil Container () oz	1	529993	✓
Water VOA Vial () As is () H ₂ SO ₄	1	529994	✓
Glass Amber () As is () H ₂ SO ₄	1	529995	✓
Plastic - As is () 250 ml () 500 ml () 1000 ml	1	529996	✓
Plastic - H ₂ SO ₄ () 250 ml () 500 ml () 1000 ml	1	529997	✓
Plastic - HNO ₃ () 250 ml () 500 ml () 1000 ml	1	529998	✓
Plastic - NaOH () 250 ml () 500 ml () 1000 ml	1	529999	✓
Unlabeled ()	1	530000	✓

Transfer Number

Relinquished By

Accepted By

Date

Reporting and Detection Limit Requirements:

CLPPM

1

J. Blum

F to Fridge

3/29/13

905

1130

Additional Comments:

CLPPM

Phoenix

20110793.A2E



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 03, 2013

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: 24 Hour
P.O.#: 20110793.A2E

Custody Information

Collected by:
Received by: LB
Analyzed by: see "By" below

Date

03/28/13
03/29/13

Time

16:00
16:30

Laboratory Data

SDG ID: GBD53011
Phoenix ID: BD53011

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201303281203 - CT07C

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	04/01/13	LB	E160.3
Extraction for PCB	Completed			03/29/13	TP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.6	mg/kg	04/01/13	AW	3540C/8082
PCB-1221	ND	0.6	mg/kg	04/01/13	AW	3540C/8082
PCB-1232	ND	0.6	mg/kg	04/01/13	AW	3540C/8082
PCB-1242	ND	0.6	mg/kg	04/01/13	AW	3540C/8082
PCB-1248	ND	0.6	mg/kg	04/01/13	AW	3540C/8082
PCB-1254	*	0.6	mg/kg	04/01/13	AW	3540C/8082
PCB-1260	ND	0.6	mg/kg	04/01/13	AW	3540C/8082
PCB-1262	ND	0.6	mg/kg	04/01/13	AW	3540C/8082
PCB-1268	ND	0.6	mg/kg	04/01/13	AW	3540C/8082
Total PCBs	0.67	0.6	mg/kg	04/01/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	85	%	04/01/13	AW	30 - 150 %
% TCMX	76	%	04/01/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201303281203 - CT07C

Phoenix I.D.: BD53011

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

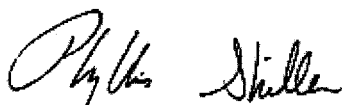
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

* For PCBs, as per section 11.9.3, when weathering of PCBs is present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles aroclor 1254.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

April 03, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 03, 2013

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: 24 Hour
P.O.#: 20110793.A2E

Custody Information

Collected by:
Received by: LB
Analyzed by: see "By" below

Date

03/28/13
03/29/13

Time

16:05
16:30

Laboratory Data

SDG ID: GBD53011
Phoenix ID: BD53012

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201303281203 - CT08A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	04/01/13	LB	E160.3
Extraction for PCB	Completed			03/29/13	TP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.76	mg/kg	04/01/13	AW	3540C/8082
PCB-1221	ND	0.76	mg/kg	04/01/13	AW	3540C/8082
PCB-1232	ND	0.76	mg/kg	04/01/13	AW	3540C/8082
PCB-1242	ND	0.76	mg/kg	04/01/13	AW	3540C/8082
PCB-1248	ND	0.76	mg/kg	04/01/13	AW	3540C/8082
PCB-1254	ND	0.76	mg/kg	04/01/13	AW	3540C/8082
PCB-1260	ND	0.76	mg/kg	04/01/13	AW	3540C/8082
PCB-1262	ND	0.76	mg/kg	04/01/13	AW	3540C/8082
PCB-1268	ND	0.76	mg/kg	04/01/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	71	%	04/01/13	AW	30 - 150 %
% TCMX	64	%	04/01/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201303281203 - CT08A

Phoenix I.D.: BD53012

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

April 03, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 03, 2013

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: 24 Hour
P.O.#: 20110793.A2E

Custody Information

Collected by:
Received by: LB
Analyzed by: see "By" below

Date

03/28/13
03/29/13

Time

16:10
16:30

Laboratory Data

SDG ID: GBD53011
Phoenix ID: BD53013

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201303281203 - CT08B

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	04/01/13	LB	E160.3
Extraction for PCB	Completed			03/29/13	TP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.62	mg/kg	04/01/13	AW	3540C/8082
PCB-1221	ND	0.62	mg/kg	04/01/13	AW	3540C/8082
PCB-1232	ND	0.62	mg/kg	04/01/13	AW	3540C/8082
PCB-1242	ND	0.62	mg/kg	04/01/13	AW	3540C/8082
PCB-1248	ND	0.62	mg/kg	04/01/13	AW	3540C/8082
PCB-1254	*	0.62	mg/kg	04/01/13	AW	3540C/8082
PCB-1260	ND	0.62	mg/kg	04/01/13	AW	3540C/8082
PCB-1262	ND	0.62	mg/kg	04/01/13	AW	3540C/8082
PCB-1268	ND	0.62	mg/kg	04/01/13	AW	3540C/8082
Total PCBs	0.67	0.62	mg/kg	04/01/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	80	%	04/01/13	AW	30 - 150 %
% TCMX	69	%	04/01/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201303281203 - CT08B

Phoenix I.D.: BD53013

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

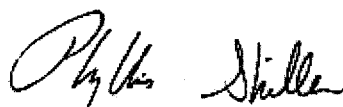
Comments:

* For PCBs, as per section 11.9.3, when weathering of PCBs is present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles aroclor 1254.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

April 03, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 03, 2013

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: 24 Hour
P.O.#: 20110793.A2E

Custody Information

Collected by:
Received by: LB
Analyzed by: see "By" below

Date

Time

03/28/13 16:15
03/29/13 16:30

Laboratory Data

SDG ID: GBD53011
Phoenix ID: BD53014

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201303281203 - CT08C

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	04/01/13	LB	E160.3
Extraction for PCB	Completed			03/29/13	TP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.63	mg/kg	04/01/13	AW	3540C/8082
PCB-1221	ND	0.63	mg/kg	04/01/13	AW	3540C/8082
PCB-1232	ND	0.63	mg/kg	04/01/13	AW	3540C/8082
PCB-1242	ND	0.63	mg/kg	04/01/13	AW	3540C/8082
PCB-1248	ND	0.63	mg/kg	04/01/13	AW	3540C/8082
PCB-1254	ND	0.63	mg/kg	04/01/13	AW	3540C/8082
PCB-1260	ND	0.63	mg/kg	04/01/13	AW	3540C/8082
PCB-1262	ND	0.63	mg/kg	04/01/13	AW	3540C/8082
PCB-1268	ND	0.63	mg/kg	04/01/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	62	%	04/01/13	AW	30 - 150 %
% TCMX	64	%	04/01/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201303281203 - CT08C

Phoenix I.D.: BD53014

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

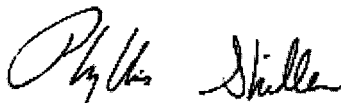
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

April 03, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 03, 2013

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: 24 Hour
P.O.#: 20110793.A2E

Custody Information

Collected by:
Received by: LB
Analyzed by: see "By" below

Date

03/28/13
03/29/13

Time

16:20
16:30

Laboratory Data

SDG ID: GBD53011
Phoenix ID: BD53015

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201303281203 - CT09A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	04/01/13	LB	E160.3
Extraction for PCB	Completed			03/29/13	TP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.82	mg/kg	04/01/13	AW	3540C/8082
PCB-1221	ND	0.82	mg/kg	04/01/13	AW	3540C/8082
PCB-1232	ND	0.82	mg/kg	04/01/13	AW	3540C/8082
PCB-1242	ND	0.82	mg/kg	04/01/13	AW	3540C/8082
PCB-1248	ND	0.82	mg/kg	04/01/13	AW	3540C/8082
PCB-1254	ND	0.82	mg/kg	04/01/13	AW	3540C/8082
PCB-1260	ND	0.82	mg/kg	04/01/13	AW	3540C/8082
PCB-1262	ND	0.82	mg/kg	04/01/13	AW	3540C/8082
PCB-1268	ND	0.82	mg/kg	04/01/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	72	%	04/01/13	AW	30 - 150 %
% TCMX	72	%	04/01/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201303281203 - CT09A

Phoenix I.D.: BD53015

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------


RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

April 03, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 03, 2013

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: 24 Hour
P.O.#: 20110793.A2E

Custody Information

Collected by:
Received by: LB
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
03/28/13	16:22
03/29/13	16:30

Laboratory Data

SDG ID: GBD53011
Phoenix ID: BD53016

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201303281203 - CT09B

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	04/01/13	LB	E160.3
Extraction for PCB	Completed			03/29/13	TP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.84	mg/kg	04/01/13	AW	3540C/8082
PCB-1221	ND	0.84	mg/kg	04/01/13	AW	3540C/8082
PCB-1232	ND	0.84	mg/kg	04/01/13	AW	3540C/8082
PCB-1242	ND	0.84	mg/kg	04/01/13	AW	3540C/8082
PCB-1248	ND	0.84	mg/kg	04/01/13	AW	3540C/8082
PCB-1254	ND	0.84	mg/kg	04/01/13	AW	3540C/8082
PCB-1260	ND	0.84	mg/kg	04/01/13	AW	3540C/8082
PCB-1262	ND	0.84	mg/kg	04/01/13	AW	3540C/8082
PCB-1268	ND	0.84	mg/kg	04/01/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	79	%	04/01/13	AW	30 - 150 %
% TCMX	71	%	04/01/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201303281203 - CT09B

Phoenix I.D.: BD53016

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

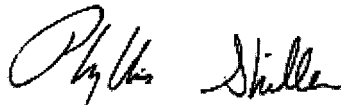
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

April 03, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 03, 2013

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: 24 Hour
P.O.#: 20110793.A2E

Custody Information

Collected by:
Received by: LB
Analyzed by: see "By" below

Date

Time

03/28/13 16:24
03/29/13 16:30

Laboratory Data

SDG ID: GBD53011
Phoenix ID: BD53017

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201303281203 - CT09C

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	04/01/13	LB	E160.3
Extraction for PCB	Completed			03/29/13	TP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.78	mg/kg	04/01/13	AW	3540C/8082
PCB-1221	ND	0.78	mg/kg	04/01/13	AW	3540C/8082
PCB-1232	ND	0.78	mg/kg	04/01/13	AW	3540C/8082
PCB-1242	ND	0.78	mg/kg	04/01/13	AW	3540C/8082
PCB-1248	ND	0.78	mg/kg	04/01/13	AW	3540C/8082
PCB-1254	ND	0.78	mg/kg	04/01/13	AW	3540C/8082
PCB-1260	ND	0.78	mg/kg	04/01/13	AW	3540C/8082
PCB-1262	ND	0.78	mg/kg	04/01/13	AW	3540C/8082
PCB-1268	ND	0.78	mg/kg	04/01/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	71	%	04/01/13	AW	30 - 150 %
% TCMX	64	%	04/01/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201303281203 - CT09C

Phoenix I.D.: BD53017

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

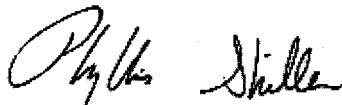
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

April 03, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 03, 2013

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: 24 Hour
P.O.#: 20110793.A2E

Custody Information

Collected by:
Received by: LB
Analyzed by: see "By" below

Date

03/28/13
03/29/13

Time

16:26
16:30

Laboratory Data

SDG ID: GBD53011
Phoenix ID: BD53018

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201303281203 - CT10A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	04/01/13	LB	E160.3
Extraction for PCB	Completed			03/29/13	TP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.7	mg/kg	04/01/13	AW	3540C/8082
PCB-1221	ND	0.7	mg/kg	04/01/13	AW	3540C/8082
PCB-1232	ND	0.7	mg/kg	04/01/13	AW	3540C/8082
PCB-1242	ND	0.7	mg/kg	04/01/13	AW	3540C/8082
PCB-1248	ND	0.7	mg/kg	04/01/13	AW	3540C/8082
PCB-1254	ND	0.7	mg/kg	04/01/13	AW	3540C/8082
PCB-1260	ND	0.7	mg/kg	04/01/13	AW	3540C/8082
PCB-1262	ND	0.7	mg/kg	04/01/13	AW	3540C/8082
PCB-1268	ND	0.7	mg/kg	04/01/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	72	%	04/01/13	AW	30 - 150 %
% TCMX	64	%	04/01/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201303281203 - CT10A

Phoenix I.D.: BD53018

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------


RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

April 03, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 03, 2013

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: 24 Hour
P.O.#: 20110793.A2E

Custody Information

Collected by:
Received by: LB
Analyzed by: see "By" below

Date Time

03/28/13 16:25
03/29/13 16:30

Laboratory Data

SDG ID: GBD53011
Phoenix ID: BD53019

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201303281203 - CT10B

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	04/01/13	LB	E160.3
Extraction for PCB	Completed			03/29/13	TP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.94	mg/kg	04/01/13	AW	3540C/8082
PCB-1221	ND	0.94	mg/kg	04/01/13	AW	3540C/8082
PCB-1232	ND	0.94	mg/kg	04/01/13	AW	3540C/8082
PCB-1242	ND	0.94	mg/kg	04/01/13	AW	3540C/8082
PCB-1248	ND	0.94	mg/kg	04/01/13	AW	3540C/8082
PCB-1254	ND	0.94	mg/kg	04/01/13	AW	3540C/8082
PCB-1260	ND	0.94	mg/kg	04/01/13	AW	3540C/8082
PCB-1262	ND	0.94	mg/kg	04/01/13	AW	3540C/8082
PCB-1268	ND	0.94	mg/kg	04/01/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	77	%	04/01/13	AW	30 - 150 %
% TCMX	59	%	04/01/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201303281203 - CT10B

Phoenix I.D.: BD53019

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

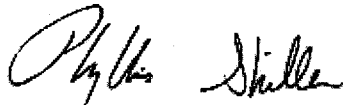
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

April 03, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 03, 2013

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: 24 Hour
P.O.#: 20110793.A2E

Custody Information

Collected by:
Received by: LB
Analyzed by: see "By" below

Date

03/28/13
03/29/13

Time

16:30
16:30

Laboratory Data

SDG ID: GBD53011
Phoenix ID: BD53020

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201303281203 - CT10C

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	04/01/13	LB	E160.3
Extraction for PCB	Completed			03/29/13	TP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.75	mg/kg	04/01/13	AW	3540C/8082
PCB-1221	ND	0.75	mg/kg	04/01/13	AW	3540C/8082
PCB-1232	ND	0.75	mg/kg	04/01/13	AW	3540C/8082
PCB-1242	ND	0.75	mg/kg	04/01/13	AW	3540C/8082
PCB-1248	ND	0.75	mg/kg	04/01/13	AW	3540C/8082
PCB-1254	ND	0.75	mg/kg	04/01/13	AW	3540C/8082
PCB-1260	ND	0.75	mg/kg	04/01/13	AW	3540C/8082
PCB-1262	ND	0.75	mg/kg	04/01/13	AW	3540C/8082
PCB-1268	ND	0.75	mg/kg	04/01/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	81	%	04/01/13	AW	30 - 150 %
% TCMX	68	%	04/01/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201303281203 - CT10C

Phoenix I.D.: BD53020

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

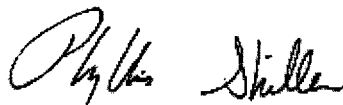
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

April 03, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 03, 2013

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: 24 Hour
P.O.#: 20110793.A2E

Custody Information

Collected by:
Received by: LB
Analyzed by: see "By" below

Date

03/28/13
03/29/13

Time

16:32
16:30

Laboratory Data

SDG ID: GBD53011
Phoenix ID: BD53021

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201303281203 - CT11A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	04/01/13	LB	E160.3
Extraction for PCB	Completed			03/29/13	TP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.68	mg/kg	04/01/13	AW	3540C/8082
PCB-1221	ND	0.68	mg/kg	04/01/13	AW	3540C/8082
PCB-1232	ND	0.68	mg/kg	04/01/13	AW	3540C/8082
PCB-1242	ND	0.68	mg/kg	04/01/13	AW	3540C/8082
PCB-1248	0.9	0.68	mg/kg	04/01/13	AW	3540C/8082
PCB-1254	ND	0.68	mg/kg	04/01/13	AW	3540C/8082
PCB-1260	ND	0.68	mg/kg	04/01/13	AW	3540C/8082
PCB-1262	ND	0.68	mg/kg	04/01/13	AW	3540C/8082
PCB-1268	ND	0.68	mg/kg	04/01/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	67	%	04/01/13	AW	30 - 150 %
% TCMX	52	%	04/01/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201303281203 - CT11A

Phoenix I.D.: BD53021

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

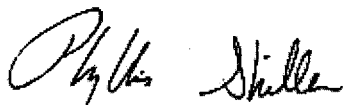
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

April 03, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 03, 2013

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: 24 Hour
P.O.#: 20110793.A2E

Custody Information

Collected by:
Received by: LB
Analyzed by: see "By" below

Date

03/28/13
03/29/13

Time

16:34
16:30

Laboratory Data

SDG ID: GBD53011
Phoenix ID: BD53022

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201303281203 - CT11B

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	04/01/13	LB	E160.3
Extraction for PCB	Completed			03/29/13	TP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.68	mg/kg	04/01/13	AW	3540C/8082
PCB-1221	ND	0.68	mg/kg	04/01/13	AW	3540C/8082
PCB-1232	ND	0.68	mg/kg	04/01/13	AW	3540C/8082
PCB-1242	ND	0.68	mg/kg	04/01/13	AW	3540C/8082
PCB-1248	1.2	0.68	mg/kg	04/01/13	AW	3540C/8082
PCB-1254	ND	0.68	mg/kg	04/01/13	AW	3540C/8082
PCB-1260	ND	0.68	mg/kg	04/01/13	AW	3540C/8082
PCB-1262	ND	0.68	mg/kg	04/01/13	AW	3540C/8082
PCB-1268	ND	0.68	mg/kg	04/01/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	70	%	04/01/13	AW	30 - 150 %
% TCMX	58	%	04/01/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201303281203 - CT11B

Phoenix I.D.: BD53022

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

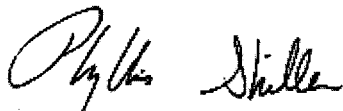
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

April 03, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 03, 2013

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: 24 Hour
P.O.#: 20110793.A2E

Custody Information

Collected by:
Received by: LB
Analyzed by: see "By" below

Date

03/28/13
03/29/13

Time

16:36
16:30

Laboratory Data

SDG ID: GBD53011
Phoenix ID: BD53023

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201303281203 - CT11C

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	04/01/13	LB	E160.3
Extraction for PCB	Completed			03/29/13	TP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.51	mg/kg	04/01/13	AW	3540C/8082
PCB-1221	ND	0.51	mg/kg	04/01/13	AW	3540C/8082
PCB-1232	ND	0.51	mg/kg	04/01/13	AW	3540C/8082
PCB-1242	ND	0.51	mg/kg	04/01/13	AW	3540C/8082
PCB-1248	0.67	0.51	mg/kg	04/01/13	AW	3540C/8082
PCB-1254	ND	0.51	mg/kg	04/01/13	AW	3540C/8082
PCB-1260	ND	0.51	mg/kg	04/01/13	AW	3540C/8082
PCB-1262	ND	0.51	mg/kg	04/01/13	AW	3540C/8082
PCB-1268	ND	0.51	mg/kg	04/01/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	72	%	04/01/13	AW	30 - 150 %
% TCMX	62	%	04/01/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201303281203 - CT11C

Phoenix I.D.: BD53023

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

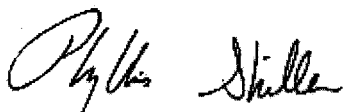
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

April 03, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 03, 2013

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: 24 Hour
P.O.#: 20110793.A2E

Custody Information

Collected by:
Received by: LB
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
03/28/13	16:38
03/29/13	16:30

Laboratory Data

SDG ID: GBD53011
Phoenix ID: BD53024

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201303281203 - CT12A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	04/01/13	LB	E160.3
Extraction for PCB	Completed			03/29/13	TP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.62	mg/kg	04/01/13	AW	3540C/8082
PCB-1221	ND	0.62	mg/kg	04/01/13	AW	3540C/8082
PCB-1232	ND	0.62	mg/kg	04/01/13	AW	3540C/8082
PCB-1242	ND	0.62	mg/kg	04/01/13	AW	3540C/8082
PCB-1248	ND	0.62	mg/kg	04/01/13	AW	3540C/8082
PCB-1254	*	0.62	mg/kg	04/01/13	AW	3540C/8082
PCB-1260	ND	0.62	mg/kg	04/01/13	AW	3540C/8082
PCB-1262	ND	0.62	mg/kg	04/01/13	AW	3540C/8082
PCB-1268	ND	0.62	mg/kg	04/01/13	AW	3540C/8082
Total PCBs	0.63	0.62	mg/kg	04/01/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	80	%	04/01/13	AW	30 - 150 %
% TCMX	69	%	04/01/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201303281203 - CT12A

Phoenix I.D.: BD53024

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

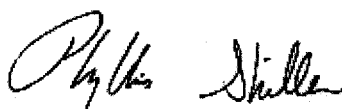
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

* For PCBs, as per section 11.9.3, when weathering of PCBs is present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles aroclor 1254.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

April 03, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 03, 2013

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: 24 Hour
P.O.#: 20110793.A2E

Custody Information

Collected by:
Received by: LB
Analyzed by: see "By" below

Date

03/28/13
03/29/13

Time

16:40
16:30

Laboratory Data

SDG ID: GBD53011
Phoenix ID: BD53025

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201303281203 - CT12B

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	04/01/13	LB	E160.3
Extraction for PCB	Completed			03/29/13	TP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.65	mg/kg	04/01/13	AW	3540C/8082
PCB-1221	ND	0.65	mg/kg	04/01/13	AW	3540C/8082
PCB-1232	ND	0.65	mg/kg	04/01/13	AW	3540C/8082
PCB-1242	ND	0.65	mg/kg	04/01/13	AW	3540C/8082
PCB-1248	ND	0.65	mg/kg	04/01/13	AW	3540C/8082
PCB-1254	*	0.65	mg/kg	04/01/13	AW	3540C/8082
PCB-1260	ND	0.65	mg/kg	04/01/13	AW	3540C/8082
PCB-1262	ND	0.65	mg/kg	04/01/13	AW	3540C/8082
PCB-1268	ND	0.65	mg/kg	04/01/13	AW	3540C/8082
Total PCBs	0.82	0.65	mg/kg	04/01/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	77	%	04/01/13	AW	30 - 150 %
% TCMX	74	%	04/01/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201303281203 - CT12B

Phoenix I.D.: BD53025

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

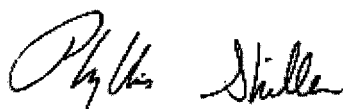
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

* For PCBs, as per section 11.9.3, when weathering of PCBs is present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles aroclor 1254.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

April 03, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 03, 2013

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: 24 Hour
P.O.#: 20110793.A2E

Custody Information

Collected by:
Received by: LB
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
03/28/13	16:42
03/29/13	16:30

Laboratory Data

SDG ID: GBD53011
Phoenix ID: BD53026

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201303281203 - CT12C

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	04/01/13	LB	E160.3
Extraction for PCB	Completed			03/29/13	TP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.64	mg/kg	04/01/13	AW	3540C/8082
PCB-1221	ND	0.64	mg/kg	04/01/13	AW	3540C/8082
PCB-1232	ND	0.64	mg/kg	04/01/13	AW	3540C/8082
PCB-1242	ND	0.64	mg/kg	04/01/13	AW	3540C/8082
PCB-1248	ND	0.64	mg/kg	04/01/13	AW	3540C/8082
PCB-1254	*	0.64	mg/kg	04/01/13	AW	3540C/8082
PCB-1260	ND	0.64	mg/kg	04/01/13	AW	3540C/8082
PCB-1262	ND	0.64	mg/kg	04/01/13	AW	3540C/8082
PCB-1268	ND	0.64	mg/kg	04/01/13	AW	3540C/8082
Total PCBs	0.82	0.64	mg/kg	04/01/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	82	%	04/01/13	AW	30 - 150 %
% TCMX	76	%	04/01/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201303281203 - CT12C

Phoenix I.D.: BD53026

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

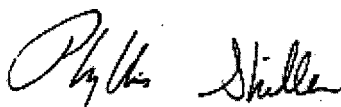
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

* For PCBs, as per section 11.9.3, when weathering of PCBs is present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles aroclor 1254.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

April 03, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

April 03, 2013

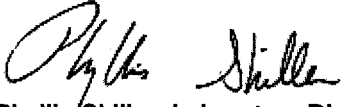
QA/QC Data

SDG I.D.: GBD53011

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 224802, QC Sample No: BD52990 (BD53011, BD53012, BD53013, BD53014, BD53015, BD53016, BD53017, BD53018, BD53019, BD53020, BD53021, BD53022, BD53023, BD53024, BD53025, BD53026)									
Polychlorinated Biphenyls - Solid									
PCB-1016	ND	67	79	16.4	66	67	1.5	40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	71	78	9.4	84	83	1.2	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	73	72	78	8.0	73	73	0.0	30 - 150	30
% TCMX (Surrogate Rec)	65	64	75	15.8	73	78	6.6	30 - 150	30

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference


Phyllis Shiller, Laboratory Director
April 03, 2013

Wednesday, April 03, 2013
Requested Criteria: None
State: CT

Sample Criteria Exceedences Report

GBD53011 - FOPCBTR

Page 1 of 1

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL	Analysis Units
--------	-------	-----------------	----------	--------	----	----------	----	----------------

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Reasonable Confidence Protocol Laboratory Analysis QA/QC Certification Form

Laboratory Name: Phoenix Environmental Labs, Inc. **Client:** F&OPCBTR

Project Location: CENTRAL HIGH SCHOOL **Project Number:**

Laboratory Sample ID(s): BD53011, BD53012, BD53013, BD53014, BD53015, BD53016, BD53017, BD53018, BD53019, BD53020, BD53021, BD53022, BD53023, BD53024, BD53025, BD53026

Sampling Date(s): 3/28/2013

RCP Methods Used:

☐ 1311/1312 ☐ 6010 ☐ 7000 ☐ 7196 ☐ 7470/7471 ☐ 8081 ☐ EPH ☐ TO15
☒ 8082 ☐ 8151 ☐ 8260 ☐ 8270 ☐ ETPH ☐ 9010/9012 ☐ VPH

1.	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1a.	Were the method specified preservation and holding time requirements met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1b.	EPH and VPH methods only: Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA
2.	Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3.	Were samples received at an appropriate temperature (< 6 Degrees C)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
4.	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5a.	Were reporting limits specified or referenced on the chain-of-custody?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5b.	Were these reporting limits met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
6.	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
7.	Are project-specific matrix spikes and laboratory duplicates included in the data set?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA

Note: For all questions to which the response was "No" (with the exception of question #5a, #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence".

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized
Signature: _____



Date: Wednesday, April 03, 2013

Printed Name: Greg Lawrence

Position: Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

April 03, 2013

SDG I.D.: GBD53011

PCB Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Au-ecd1 04/01/13-1 (BD53014)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 4/1/2013

Instrument: Au-ecd24 04/01/13-1 (BD53016, BD53019, BD53020, BD53021)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 4/1/2013

Instrument: Au-ecd5 04/01/13-1 (BD53015)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 4/1/2013

Instrument: Au-ecd6 04/01/13-1 (BD53018, BD53022, BD53023)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

April 03, 2013

SDG I.D.: GBD53011

Printed Name Adam Werner
Position: Chemist
Date: 4/1/2013

Instrument: Au-ecd7 04/01/13-1 (BD53024, BD53025, BD53026)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 4/1/2013

Instrument: Au-ecd8 04/01/13-1 (BD53011, BD53012, BD53013, BD53017)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 4/1/2013

QC (Batch Specific)

———— Sample No: BD52990, QA/QC Batch: 224802 ————

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

Temperature Narration

The samples were received at 6C with cooling initiated.
(Note acceptance criteria is above freezing up to 6°C)



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

April 03, 2013

SDG LD.: GBD53011



FUSS & O'NEILL

Disciplines to Deliver

(860) 646-2469 • www.FandO.com

- ☐ 146 Hartford Road, Manchester, CT 06040
☒ 56 Quarry Road, Trumbull, CT 06611
☐ 1419 Richland Street, Columbia, SC 29201
☐ 78 Interstate Drive, West Springfield, MA 01089

- ☐ 50 Redfield Street, Suite 100, Boston, MA 02122
☐ 275 Promenade Street, Suite 350, Providence, RI 02908
☐ 80 Washington Street, Suite 301, Poughkeepsie, NY 12601

CHAIN-OF-CUSTODY RECORD 26087

PROJECT NAME

Central Highschool Bridgeport CT

PROJECT LOCATION

Bridgeport CT

PROJECT NUMBER

20110793.A2E

LABORATORY

Phoenix

REPORT TO: Kevin McElrath / Kevin Redfield

Analysis Request

INVOICE TO:

P.O. No.: 20110793.A2E

Sampler's Signature: *James Blum*

Date: 3/29/13

Source Codes:

MW=Monitoring Well

PW=Portable Water

S=Soil

W=Waste

SW=Surface Water

T=Treatment Facility

B=Sediment

A=Air

X=Other

Ceiling Tile

Item No.	Transfer Check				Sample Number	Source Code	Date Sampled	Time Sampled	Containers									
	1	2	3	4					Soil VOA Vial [] methanol	Glass Soil Container (4) oz	Other	Water VOA Vial [] As is [] H ₂ SO ₄	Glass Amber [] As is [] HCl	Plastic - As is [] 250 ml [] 500 ml [] 1000 ml	Plastic - H ₂ SO ₄ [] 250 ml [] 500 ml	Plastic - HNO ₃ [] 250 ml [] 500 ml	Plastic - NaOH [] 250 ml [] 500 ml	Comments
21	✓	✓	✓	✓	201303281203	X	3/29/13	1600	✓									2x4 rep type II
22	✓	✓	✓	✓	-CT-07C	X	3/29/13	1605	✓									2x2 smeth
23	✓	✓	✓	✓	-CT-08B	X	3/29/13	1610	✓									I
24	✓	✓	✓	✓	-CT-08C	X	3/29/13	1615	✓									2x4 rep type II
25	✓	✓	✓	✓	-CT-09A	X	3/29/13	1620	✓									I
26	✓	✓	✓	✓	-CT-09B	X	3/29/13	1622	✓									I
27	✓	✓	✓	✓	-CT-09C	X	3/29/13	1624	✓									2x4 rep type II
28	✓	✓	✓	✓	-CT-10A	X	3/29/13	1628	✓									I
29	✓	✓	✓	✓	-CT-10B	X	3/29/13	1628	✓									I
30	✓	✓	✓	✓	-CT-10C	X	3/29/13	1630	✓									I

Transfer Number	Relinquished By	Accepted By	Date	Time	Reporting and Detection Limit Requirements:
1	J Blum	F to Frudge	3/29/13	907	21 ppm
2	F to Frudge	Stephen, Sarica	3/29/13	1130	
3	Stephen, Sarica	<i>Stephen Sarica</i>	3/29/13	11:52	
4	<i>Stephen Sarica</i>	<i>W. Sarica</i>	3/29/13	1430	



- ☐ 50 Redfield Street, Suite 100, Boston, MA 02122
- ☐ 275 Promenade Street, Suite 350, Providence, RI 02908
- ☐ 80 Washington Street, Suite 301, Poughkeepsie, NY 12601

26092

1 Day*
2 Days*

LABORATORY

20110793, A2E

Containers

Request

P.O. No.: 26110793. A2E

Sampler's Signature: *Ronnie Blue* Date: 3/29/13

Source Codes:
 MW=Monitoring Well
 SW=Surface Water
 PW=Porable Water
 T=Treatment Facility
 S=Soil
 B=Sediment
 W=Waste
 A=Air

X=Other

Item No.	Transfer Check				Sample Number	Source Code	Date Sampled	Time Sampled
	1	2	3	4				
31	✓	✓	✓		- CT-11A	X	3/28/13	1632
32	✓	✓	✓		- CT-11B	X	3/28/13	1634
33	✓	✓	✓		- CT-11C	X	3/28/13	1636
34	✓	✓	✓		- CT-12A	X	3/28/13	1638
35	✓	✓	✓		- CT-12B	X	3/28/13	1640
36	✓	✓	✓		- CT-12C	X	3/28/13	1642

[illegible]

Transfer Number	Relinquished By	Accepted By	Date	Time	Reporting and Detection Limit Requirements:
1	J Blum	F to Fr. Jgc	3/29/13	907	L 1 PPM
2	F to Fr. Jgc	Stephen Jgc	3/29/13	1130	
3	Stephen Jgc	Stephen Jgc	3/29/13	11:32	
4	Stephen Jgc	Stephen Jgc	3/29/13	1620	



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

September 11, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: 24 Hour
P.O.#: 20110793A2E

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date

09/05/13
09/05/13

Time

11:00
16:28

Laboratory Data

SDG ID: GBF34939
Phoenix ID: BF34939

Project ID: SP CENTRAL HS
Client ID: 2013 0905-0926-BM-01A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	09/06/13	LB	E160.3
Extraction for PCB	Completed			09/05/13	TB/X	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.48	mg/kg	09/06/13	AW	3540C/8082
PCB-1221	ND	0.48	mg/kg	09/06/13	AW	3540C/8082
PCB-1232	ND	0.48	mg/kg	09/06/13	AW	3540C/8082
PCB-1242	ND	0.48	mg/kg	09/06/13	AW	3540C/8082
PCB-1248	4.5	0.48	mg/kg	09/06/13	AW	3540C/8082
PCB-1254	ND	0.48	mg/kg	09/06/13	AW	3540C/8082
PCB-1260	ND	0.48	mg/kg	09/06/13	AW	3540C/8082
PCB-1262	ND	0.48	mg/kg	09/06/13	AW	3540C/8082
PCB-1268	ND	0.48	mg/kg	09/06/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	45	%	09/06/13	AW	30 - 150 %
% TCMX	41	%	09/06/13	AW	30 - 150 %

Project ID: SP CENTRAL HS
Client ID: 2013 0905-0926-BM-01A

Phoenix I.D.: BF34939

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

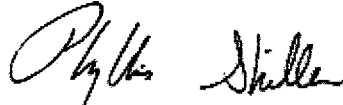
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

September 11, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

September 11, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: 24 Hour
P.O.#: 20110793A2E

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
09/05/13	11:05
09/05/13	16:28

Laboratory Data

SDG ID: GBF34939
Phoenix ID: BF34940

Project ID: SP CENTRAL HS
Client ID: 2013 0905-0926-BM-01B

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	09/06/13	LB	E160.3
Extraction for PCB	Completed			09/05/13	TB/X	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.69	mg/kg	09/06/13	AW	3540C/8082
PCB-1221	ND	0.69	mg/kg	09/06/13	AW	3540C/8082
PCB-1232	ND	0.69	mg/kg	09/06/13	AW	3540C/8082
PCB-1242	ND	0.69	mg/kg	09/06/13	AW	3540C/8082
PCB-1248	ND	0.69	mg/kg	09/06/13	AW	3540C/8082
PCB-1254	4.3	0.69	mg/kg	09/06/13	AW	3540C/8082
PCB-1260	ND	0.69	mg/kg	09/06/13	AW	3540C/8082
PCB-1262	ND	0.69	mg/kg	09/06/13	AW	3540C/8082
PCB-1268	ND	0.69	mg/kg	09/06/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	77		%	09/06/13	AW	30 - 150 %
% TCMX	73		%	09/06/13	AW	30 - 150 %

Project ID: SP CENTRAL HS
Client ID: 2013 0905-0926-BM-01B

Phoenix I.D.: BF34940

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

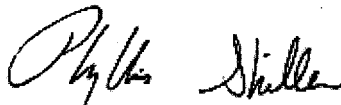
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

September 11, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

September 11, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: 24 Hour
P.O.#: 20110793A2E

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date Time

09/05/13 11:10
09/05/13 16:28

Laboratory Data

SDG ID: GBF34939
Phoenix ID: BF34941

Project ID: SP CENTRAL HS
Client ID: 2013 0905-0926-BM-01C

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	09/06/13	LB	E160.3
Extraction for PCB	Completed			09/05/13	TB/X	SW3540C

PCB (Soxhlet)

PCB-1016	ND	1	mg/kg	09/06/13	AW	3540C/8082
PCB-1221	ND	1	mg/kg	09/06/13	AW	3540C/8082
PCB-1232	ND	1	mg/kg	09/06/13	AW	3540C/8082
PCB-1242	ND	1	mg/kg	09/06/13	AW	3540C/8082
PCB-1248	ND	1	mg/kg	09/06/13	AW	3540C/8082
PCB-1254	1.8	1	mg/kg	09/06/13	AW	3540C/8082
PCB-1260	ND	1	mg/kg	09/06/13	AW	3540C/8082
PCB-1262	ND	1	mg/kg	09/06/13	AW	3540C/8082
PCB-1268	ND	1	mg/kg	09/06/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	95	%	09/06/13	AW	30 - 150 %
% TCMX	99	%	09/06/13	AW	30 - 150 %

Project ID: SP CENTRAL HS
Client ID: 2013 0905-0926-BM-01C

Phoenix I.D.: BF34941

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

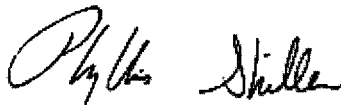
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

September 11, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

September 11, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: 24 Hour
P.O.#: 20110793A2E

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date

09/05/13
09/05/13

Time

11:15
16:28

Laboratory Data

SDG ID: GBF34939
Phoenix ID: BF34942

Project ID: SP CENTRAL HS
Client ID: 2013 0905-0926-CB6-01A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	09/06/13	LB	E160.3
Extraction for PCB	Completed			09/05/13	TB/X	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.79	mg/kg	09/06/13	AW	3540C/8082
PCB-1221	ND	0.79	mg/kg	09/06/13	AW	3540C/8082
PCB-1232	ND	0.79	mg/kg	09/06/13	AW	3540C/8082
PCB-1242	ND	0.79	mg/kg	09/06/13	AW	3540C/8082
PCB-1248	0.82	0.79	mg/kg	09/06/13	AW	3540C/8082
PCB-1254	ND	0.79	mg/kg	09/06/13	AW	3540C/8082
PCB-1260	ND	0.79	mg/kg	09/06/13	AW	3540C/8082
PCB-1262	ND	0.79	mg/kg	09/06/13	AW	3540C/8082
PCB-1268	ND	0.79	mg/kg	09/06/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	85	%	09/06/13	AW	30 - 150 %
% TCMX	91	%	09/06/13	AW	30 - 150 %

Project ID: SP CENTRAL HS
Client ID: 2013 0905-0926-CB6-01A

Phoenix I.D.: BF34942

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

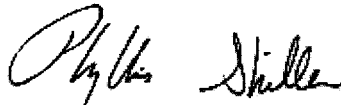
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

September 11, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

September 11, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: 24 Hour
P.O.#: 20110793A2E

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date

09/05/13
09/05/13

Time

11:20
16:28

Laboratory Data

SDG ID: GBF34939
Phoenix ID: BF34943

Project ID: SP CENTRAL HS
Client ID: 2013 0905-0926-CB6-01B

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	09/06/13	LB	E160.3
Extraction for PCB	Completed			09/05/13	TB/X	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.33	mg/kg	09/06/13	AW	3540C/8082
PCB-1221	ND	0.33	mg/kg	09/06/13	AW	3540C/8082
PCB-1232	ND	0.33	mg/kg	09/06/13	AW	3540C/8082
PCB-1242	ND	0.33	mg/kg	09/06/13	AW	3540C/8082
PCB-1248	*	0.33	mg/kg	09/06/13	AW	3540C/8082
PCB-1254	*	0.33	mg/kg	09/06/13	AW	3540C/8082
PCB-1260	ND	0.33	mg/kg	09/06/13	AW	3540C/8082
PCB-1262	ND	0.33	mg/kg	09/06/13	AW	3540C/8082
PCB-1268	ND	0.33	mg/kg	09/06/13	AW	3540C/8082
Total PCBs	3	0.33	mg/kg	09/06/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	83	%	09/06/13	AW	30 - 150 %
% TCMX	65	%	09/06/13	AW	30 - 150 %

Project ID: SP CENTRAL HS
Client ID: 2013 0905-0926-CB6-01B

Phoenix I.D.: BF34943

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1248 and 1254.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

September 11, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

September 11, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: 24 Hour
P.O.#: 20110793A2E

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date

09/05/13
09/05/13

Time

11:25
16:28

Laboratory Data

SDG ID: GBF34939
Phoenix ID: BF34944

Project ID: SP CENTRAL HS
Client ID: 2013 0905-0926-CB6-01C

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	09/06/13	LB	E160.3
Extraction for PCB	Completed			09/05/13	TB/X	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.47	mg/kg	09/06/13	AW	3540C/8082
PCB-1221	ND	0.47	mg/kg	09/06/13	AW	3540C/8082
PCB-1232	ND	0.47	mg/kg	09/06/13	AW	3540C/8082
PCB-1242	ND	0.47	mg/kg	09/06/13	AW	3540C/8082
PCB-1248	*	0.47	mg/kg	09/06/13	AW	3540C/8082
PCB-1254	*	0.47	mg/kg	09/06/13	AW	3540C/8082
PCB-1260	ND	0.47	mg/kg	09/06/13	AW	3540C/8082
PCB-1262	ND	0.47	mg/kg	09/06/13	AW	3540C/8082
PCB-1268	ND	0.47	mg/kg	09/06/13	AW	3540C/8082
Total PCBs	4.3	0.47	mg/kg	09/06/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	8.2	%	09/06/13	AW	30 - 150 %	3
% TCMX	5.9	%	09/06/13	AW	30 - 150 %	3

Project ID: SP CENTRAL HS
Client ID: 2013 0905-0926-CB6-01C

Phoenix I.D.: BF34944

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

3 = This parameter exceeds laboratory specified limits.

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

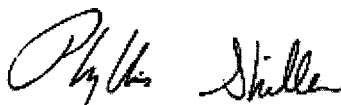
Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1248 and 1254.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

September 11, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

September 11, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: 24 Hour
P.O.#: 20110793A2E

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date

09/05/13
09/05/13

Time

11:30
16:28

Laboratory Data

SDG ID: GBF34939
Phoenix ID: BF34945

Project ID: SP CENTRAL HS
Client ID: 2013 0905-0926-CB6-02A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	09/06/13	LB	E160.3
Extraction for PCB	Completed			09/05/13	TB/X	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.58	mg/kg	09/06/13	AW	3540C/8082
PCB-1221	ND	0.58	mg/kg	09/06/13	AW	3540C/8082
PCB-1232	ND	0.58	mg/kg	09/06/13	AW	3540C/8082
PCB-1242	ND	0.58	mg/kg	09/06/13	AW	3540C/8082
PCB-1248	*	0.58	mg/kg	09/06/13	AW	3540C/8082
PCB-1254	*	0.58	mg/kg	09/06/13	AW	3540C/8082
PCB-1260	ND	0.58	mg/kg	09/06/13	AW	3540C/8082
PCB-1262	ND	0.58	mg/kg	09/06/13	AW	3540C/8082
PCB-1268	ND	0.58	mg/kg	09/06/13	AW	3540C/8082
Total PCBs	5.2	0.58	mg/kg	09/06/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	81	%	09/06/13	AW	30 - 150 %
% TCMX	80	%	09/06/13	AW	30 - 150 %

Project ID: SP CENTRAL HS
Client ID: 2013 0905-0926-CB6-02A

Phoenix I.D.: BF34945

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

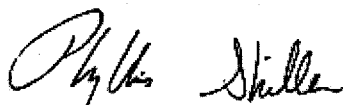
Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1248 and 1254.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

September 11, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

September 11, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: 24 Hour
P.O.#: 20110793A2E

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date

09/05/13
09/05/13

Time

11:40
16:28

Laboratory Data

SDG ID: GBF34939
Phoenix ID: BF34946

Project ID: SP CENTRAL HS
Client ID: 2013 0905-0926-CB6-02B

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	09/06/13	LB	E160.3
Extraction for PCB	Completed			09/05/13	TB/X	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.79	mg/kg	09/06/13	AW	3540C/8082
PCB-1221	ND	0.79	mg/kg	09/06/13	AW	3540C/8082
PCB-1232	ND	0.79	mg/kg	09/06/13	AW	3540C/8082
PCB-1242	ND	0.79	mg/kg	09/06/13	AW	3540C/8082
PCB-1248	3.5	0.79	mg/kg	09/06/13	AW	3540C/8082
PCB-1254	ND	0.79	mg/kg	09/06/13	AW	3540C/8082
PCB-1260	ND	0.79	mg/kg	09/06/13	AW	3540C/8082
PCB-1262	ND	0.79	mg/kg	09/06/13	AW	3540C/8082
PCB-1268	ND	0.79	mg/kg	09/06/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	82	%	09/06/13	AW	30 - 150 %
% TCMX	94	%	09/06/13	AW	30 - 150 %

Project ID: SP CENTRAL HS
Client ID: 2013 0905-0926-CB6-02B

Phoenix I.D.: BF34946

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

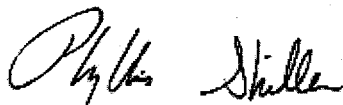
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

September 11, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

September 11, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: 24 Hour
P.O.#: 20110793A2E

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date

Time

09/05/13 11:50
09/05/13 16:28

Laboratory Data

SDG ID: GBF34939
Phoenix ID: BF34947

Project ID: SP CENTRAL HS
Client ID: 2013 0905-0926-CB6-02C

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	09/06/13	LB	E160.3
Extraction for PCB	Completed			09/05/13	TB/X	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.45	mg/kg	09/06/13	AW	3540C/8082
PCB-1221	ND	0.45	mg/kg	09/06/13	AW	3540C/8082
PCB-1232	ND	0.45	mg/kg	09/06/13	AW	3540C/8082
PCB-1242	ND	0.45	mg/kg	09/06/13	AW	3540C/8082
PCB-1248	3.1	0.45	mg/kg	09/06/13	AW	3540C/8082
PCB-1254	ND	0.45	mg/kg	09/06/13	AW	3540C/8082
PCB-1260	ND	0.45	mg/kg	09/06/13	AW	3540C/8082
PCB-1262	ND	0.45	mg/kg	09/06/13	AW	3540C/8082
PCB-1268	ND	0.45	mg/kg	09/06/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	82	%	09/06/13	AW	30 - 150 %
% TCMX	68	%	09/06/13	AW	30 - 150 %

Project ID: SP CENTRAL HS
Client ID: 2013 0905-0926-CB6-02C

Phoenix I.D.: BF34947

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

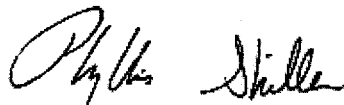
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

September 11, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

September 11, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: 24 Hour
P.O.#: 20110793A2E

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date Time
09/05/13 11:55
09/05/13 16:28

Laboratory Data

SDG ID: GBF34939
Phoenix ID: BF34948

Project ID: SP CENTRAL HS
Client ID: 2013 0905-0926-CB6-03A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	09/06/13	LB	E160.3
Extraction for PCB	Completed			09/05/13	TB/X	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.35	mg/kg	09/06/13	AW	3540C/8082
PCB-1221	ND	0.35	mg/kg	09/06/13	AW	3540C/8082
PCB-1232	ND	0.35	mg/kg	09/06/13	AW	3540C/8082
PCB-1242	ND	0.35	mg/kg	09/06/13	AW	3540C/8082
PCB-1248	0.93	0.35	mg/kg	09/06/13	AW	3540C/8082
PCB-1254	ND	0.35	mg/kg	09/06/13	AW	3540C/8082
PCB-1260	ND	0.35	mg/kg	09/06/13	AW	3540C/8082
PCB-1262	ND	0.35	mg/kg	09/06/13	AW	3540C/8082
PCB-1268	ND	0.35	mg/kg	09/06/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	61	%	09/06/13	AW	30 - 150 %
% TCMX	69	%	09/06/13	AW	30 - 150 %

Project ID: SP CENTRAL HS
Client ID: 2013 0905-0926-CB6-03A

Phoenix I.D.: BF34948

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

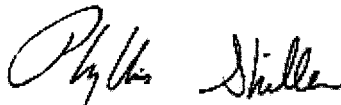
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

September 11, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

September 11, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: 24 Hour
P.O.#: 20110793A2E

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date

09/05/13
09/05/13

Time

12:00
16:28

Laboratory Data

SDG ID: GBF34939
Phoenix ID: BF34949

Project ID: SP CENTRAL HS
Client ID: 2013 0905-0926-CB6-03B

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	09/06/13	LB	E160.3
Extraction for PCB	Completed			09/05/13	TB/X	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.49	mg/kg	09/06/13	AW	3540C/8082
PCB-1221	ND	0.49	mg/kg	09/06/13	AW	3540C/8082
PCB-1232	ND	0.49	mg/kg	09/06/13	AW	3540C/8082
PCB-1242	ND	0.49	mg/kg	09/06/13	AW	3540C/8082
PCB-1248	0.7	0.49	mg/kg	09/06/13	AW	3540C/8082
PCB-1254	ND	0.49	mg/kg	09/06/13	AW	3540C/8082
PCB-1260	ND	0.49	mg/kg	09/06/13	AW	3540C/8082
PCB-1262	ND	0.49	mg/kg	09/06/13	AW	3540C/8082
PCB-1268	ND	0.49	mg/kg	09/06/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	52		%	09/06/13	AW	30 - 150 %
% TCMX	60		%	09/06/13	AW	30 - 150 %

Project ID: SP CENTRAL HS
Client ID: 2013 0905-0926-CB6-03B

Phoenix I.D.: BF34949

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

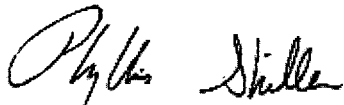
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

September 11, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

September 11, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: 24 Hour
P.O.#: 20110793A2E

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date

09/05/13
09/05/13

Time

12:05
16:28

Laboratory Data

SDG ID: GBF34939
Phoenix ID: BF34950

Project ID: SP CENTRAL HS
Client ID: 2013 0905-0926-CB6-03C

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	09/06/13	LB	E160.3
Extraction for PCB	Completed			09/05/13	TB/X	SW3540C

PCB (Soxhlet)

PCB-1016	ND	1.3	mg/kg	09/06/13	AW	3540C/8082
PCB-1221	ND	1.3	mg/kg	09/06/13	AW	3540C/8082
PCB-1232	ND	1.3	mg/kg	09/06/13	AW	3540C/8082
PCB-1242	ND	1.3	mg/kg	09/06/13	AW	3540C/8082
PCB-1248	3.4	1.3	mg/kg	09/06/13	AW	3540C/8082
PCB-1254	ND	1.3	mg/kg	09/06/13	AW	3540C/8082
PCB-1260	ND	1.3	mg/kg	09/06/13	AW	3540C/8082
PCB-1262	ND	1.3	mg/kg	09/06/13	AW	3540C/8082
PCB-1268	ND	1.3	mg/kg	09/06/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	57	%	09/06/13	AW	30 - 150 %
% TCMX	64	%	09/06/13	AW	30 - 150 %

Project ID: SP CENTRAL HS
Client ID: 2013 0905-0926-CB6-03C

Phoenix I.D.: BF34950

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

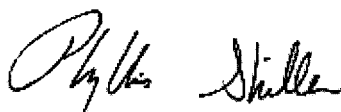
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

September 11, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

September 11, 2013

QA/QC Data

SDG I.D.: GBF34939

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 250234, QC Sample No: BF34701 (BF34939, BF34940, BF34941, BF34942, BF34943, BF34944, BF34945, BF34946, BF34947)									
Polychlorinated Biphenyls - Solid									
PCB-1016	ND	83	87	4.7				40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	86	82	4.8				40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	87	80	81	1.2				30 - 150	30
% TCMX (Surrogate Rec)	97	92	94	2.2				30 - 150	30

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

QA/QC Batch 250245, QC Sample No: BF34963 (BF34948, BF34949, BF34950)

Polychlorinated Biphenyls - Solid

PCB-1016	ND	90	89	1.1	101	74	30.9	40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	88	87	1.1	100	93	7.3	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	94	93	94	1.1	95	92	3.2	30 - 150	30
% TCMX (Surrogate Rec)	99	103	99	4.0	104	93	11.2	30 - 150	30

r = This parameter is outside laboratory rpd specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference

LCS - Laboratory Control Sample

LCSD - Laboratory Control Sample Duplicate

MS - Matrix Spike

MS Dup - Matrix Spike Duplicate

NC - No Criteria

Intf - Interference

Phyllis Shiller, Laboratory Director

September 11, 2013

Wednesday, September 11, 2013

Requested Criteria: None

State: CT

SampNo Acode Phoenix Analyte

Criteria

Result

RL

Criteria

RL Analysis
Criteria Units

Sample Criteria Exceedences Report

GBF34939 - FOPCBTR

Page 1 of 1

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Reasonable Confidence Protocol Laboratory Analysis QA/QC Certification Form

Laboratory Name: Phoenix Environmental Labs, Inc. **Client:** F&OPCBTR

Project Location: SP CENTRAL HS **Project Number:**

Laboratory Sample ID(s): BF34939, BF34940, BF34941, BF34942, BF34943, BF34944, BF34945, BF34946, BF34947, BF34948, BF34949, BF34950

Sampling Date(s): 9/5/2013

RCP Methods Used:

☐ 1311/1312 ☐ 6010 ☐ 7000 ☐ 7196 ☐ 7470/7471 ☐ 8081 ☐ EPH ☐ TO15
☒ 8082 ☐ 8151 ☐ 8260 ☐ 8270 ☐ ETPH ☐ 9010/9012 ☐ VPH

1.	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1a.	Were the method specified preservation and holding time requirements met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1b.	EPH and VPH methods only: Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA
2.	Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3.	Were samples received at an appropriate temperature (< 6 Degrees C)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
4.	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5a.	Were reporting limits specified or referenced on the chain-of-custody?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5b.	Were these reporting limits met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
6.	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
7.	Are project-specific matrix spikes and laboratory duplicates included in the data set?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA

Note: For all questions to which the response was "No" (with the exception of question #5a, #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence".

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized
Signature:

Rashmi Makol

Date: Wednesday, September 11, 2013

Printed Name: Rashmi Makol

Position: Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

September 11, 2013

SDG I.D.: GBF34939

PCB Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Au-ecd3 09/06/13-1 (BF34943, BF34947)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 9/6/2013

Instrument: Au-ecd5 09/06/13-1 (BF34939, BF34940, BF34941)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 9/6/2013

Instrument: Au-ecd6 09/06/13-1 (BF34942, BF34946, BF34948, BF34949, BF34950)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 9/6/2013

Instrument: Au-ecd7 09/06/13-1 (BF34945)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

September 11, 2013

SDG I.D.: GBF34939

Printed Name Adam Werner
Position: Chemist
Date: 9/6/2013

Instrument: Au-ecd8 09/06/13-1 (BF34944)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 9/6/2013

QC Comments: QC Batch 250234 09/05/13 (BF34939, BF34940, BF34941, BF34942, BF34943, BF34944, BF34945, BF34946, BF34947)

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

QC (Batch Specific)

----- Sample No: BF34701, QA/QC Batch: 250234 -----

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

----- Sample No: BF34963, QA/QC Batch: 250245 -----

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

Temperature Narration

The samples were received at 5C with cooling initiated.
(Note acceptance criteria is above freezing up to 6°C)



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

September 11, 2013

SDG I.D.: GBF34939



FUSS & O'NEILL

(860) 646-2469 • www.FandO.com

- ☐ 146 Hartford Road, Manchester, CT 06040
☒ 317 Iron Horse Way, Suite 204, Providence, RI 02908
☐ 1419 Richland Street, Columbia, SC 29201

- ☐ 78 Interstate Drive, West Springfield, MA 01089
☐ 317 Iron Horse Way, Suite 204, Providence, RI 02908
☐ 80 Washington Street, Suite 301, Poughkeepsie, NY

5⁰⁰ w/1ptc

CHAIN-OF-CUSTODY RECORD 29328

PROJECT NAME				PROJECT LOCATION				PROJECT NUMBER				LABORATORY			
SP Central High School				Barnstable, MA				2011 07 93-A2C				PHOENIX			
REPORT TO: KEVIN MC CARTHY / KAREN REDFIELD															
INVOICE TO: KEVIN MC CARTHY															
P.O. NO: 2011 07 93-A2C															
Sampler's Signature: <i>Kevin McCarthy</i>				Date: 9/5/2013											
Source Codes:				T=Treatment Facility				S=Soil				B=Sediment			
MW=Monitoring Well				PW=Potable Water				W=Waste				A=Air			
SW=Surface Water				ST=Stormwater											
X=Other: Bulk Building Materials															
Item No.	Transfer Check	1	2	3	4	Sample Number	Source Code	Date Sampled	Time Sampled	Analysis Request	Containers	Comments			
1	✓	✓				BM-01A	X	9/5	1100	✓		Blk waste			
2	✓	✓				BM-01B			1100	✓		I			
3	✓	✓				BM-01C			1100	✓		Blk waste			
4	✓	✓				CB6-01A			1100	✓		I			
5	✓	✓				CB6-01B			1100	✓		Blk waste			
6	✓	✓				CB6-01C			1100	✓		I			
7	✓	✓				CB6-02A			1100	✓		Blk waste			
8	✓	✓				CB6-02B			1100	✓		I			
9	✓	✓				CB6-02C			1100	✓		Blk waste			
10	✓	✓				CB6-03A			1100	✓		I			

Transfer Number	Relinquished By	Accepted By	Date	Time	Charge Exceptions:
1	<i>Kevin McCarthy</i>	<i>Kevin McCarthy</i>	9/5/13	11:00	<input type="checkbox"/> CT Tax Exempt <input type="checkbox"/> QA/QC <input type="checkbox"/> Other
2	<i>Kevin McCarthy</i>	<i>Kevin McCarthy</i>	9/5/13	11:00	<input type="checkbox"/> Duplicates <input type="checkbox"/> Blanks (Item Nos:)
3	<i>Kevin McCarthy</i>	<i>Kevin McCarthy</i>	9/5/13	11:00	Reporting and Detection Limit Requirements: <input type="checkbox"/> RCP Deliverables <input type="checkbox"/> MCP CAM Cert.
4	<i>Kevin McCarthy</i>	<i>Kevin McCarthy</i>	9/5/13	16:28	Additional Comments: <i>4 ppm</i>

Appendix B

Laboratory Analysis and Chain of Custody Adjacent Porous Surfaces - Bulk



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

February 28, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

02/20/13
02/22/13

Time

8:00
15:47

Laboratory Data

SDG ID: GBD38897
Phoenix ID: BD38897

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ST-ED/WC-AS-BRICK-01A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%			E160.3
Extraction for PCB	Completed			02/25/13	PB/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.32	mg/kg	02/26/13	AW	3540C/8082
PCB-1221	ND	0.32	mg/kg	02/26/13	AW	3540C/8082
PCB-1232	ND	0.32	mg/kg	02/26/13	AW	3540C/8082
PCB-1242	ND	0.32	mg/kg	02/26/13	AW	3540C/8082
PCB-1248	ND	0.32	mg/kg	02/26/13	AW	3540C/8082
PCB-1254	ND	0.32	mg/kg	02/26/13	AW	3540C/8082
PCB-1260	ND	0.32	mg/kg	02/26/13	AW	3540C/8082
PCB-1262	ND	0.32	mg/kg	02/26/13	AW	3540C/8082
PCB-1268	ND	0.32	mg/kg	02/26/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	76		%	02/26/13	AW	30 - 150 %
% TCMX	83		%	02/26/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ST-ED/WC-AS-BRICK-01A

Phoenix I.D.: BD38897

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

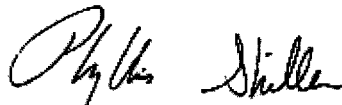
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

%SOLIDS ASSUMED 100%

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

February 28, 2013

Reviewed and Released by: Bobbi Aloisa, Vice President



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

February 28, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

02/20/13
02/22/13

Time

8:05
15:47

Laboratory Data

SDG ID: GBD38897
Phoenix ID: BD38898

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ST-ED/WC-AS-BRICK-01B

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%			E160.3
Extraction for PCB	Completed			02/25/13	PB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1221	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1232	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1242	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1248	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1254	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1260	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1262	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1268	ND	0.33	mg/kg	02/26/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	73	%	02/26/13	AW	30 - 150 %
% TCMX	80	%	02/26/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ST-ED/WC-AS-BRICK-01B

Phoenix I.D.: BD38898

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level


Comments:

%SOLIDS ASSUMED 100%

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

February 28, 2013

Reviewed and Released by: Bobbi Aloisa, Vice President



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

February 28, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

02/20/13
02/22/13

Time

8:10
15:47

Laboratory Data

SDG ID: GBD38897
Phoenix ID: BD38899

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ST-ED/WC-AS-BRICK-01C

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%			E160.3
Extraction for PCB	Completed			02/25/13	PB/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1221	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1232	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1242	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1248	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1254	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1260	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1262	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1268	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	74		%	02/26/13	AW	30 - 150 %
% TCMX	78		%	02/26/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ST-ED/WC-AS-BRICK-01C

Phoenix I.D.: BD38899

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level


Comments:

%SOLIDS ASSUMED 100%

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

February 28, 2013

Reviewed and Released by: Bobbi Aloisa, Vice President



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

February 28, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

02/20/13
02/22/13

Time

8:20
15:47

Laboratory Data

SDG ID: GBD38897
Phoenix ID: BD38900

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ST-ID/WC-AS-CB-01A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%			E160.3
Extraction for PCB	Completed			02/25/13	PB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1221	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1232	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1242	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1248	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1254	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1260	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1262	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1268	ND	0.33	mg/kg	02/26/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	72	%	02/26/13	AW	30 - 150 %
% TCMX	74	%	02/26/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ST-ID/WC-AS-CB-01A

Phoenix I.D.: BD38900

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

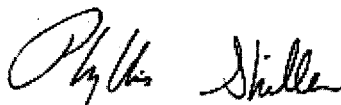
Comments:

%SOLIDS ASSUMED 100%

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

February 28, 2013

Reviewed and Released by: Bobbi Aloisa, Vice President



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

February 28, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

02/20/13
02/22/13

Time

8:25
15:47

Laboratory Data

SDG ID: GBD38897
Phoenix ID: BD38901

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ST-ID/WC-AS-CB-01B

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%			E160.3
Extraction for PCB	Completed			02/25/13	PB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1221	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1232	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1242	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1248	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1254	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1260	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1262	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1268	ND	0.33	mg/kg	02/26/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	80	%	02/26/13	AW	30 - 150 %
% TCMX	75	%	02/26/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ST-ID/WC-AS-CB-01B

Phoenix I.D.: BD38901

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

%SOLIDS ASSUMED 100%

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

February 28, 2013

Reviewed and Released by: Bobbi Aloisa, Vice President



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

February 28, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

Time

02/20/13 8:30
02/22/13 15:47

Laboratory Data

SDG ID: GBD38897
Phoenix ID: BD38902

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ST-ID/WC-AS-CB-01C

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%			E160.3
Extraction for PCB	Completed			02/25/13	PB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1221	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1232	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1242	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1248	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1254	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1260	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1262	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1268	ND	0.33	mg/kg	02/26/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	76	%	02/26/13	AW	30 - 150 %
% TCMX	76	%	02/26/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ST-ID/WC-AS-CB-01C

Phoenix I.D.: BD38902

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

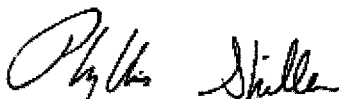
Comments:

%SOLIDS ASSUMED 100%

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

February 28, 2013

Reviewed and Released by: Bobbi Aloisa, Vice President



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

February 28, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

02/20/13
02/22/13

Time

8:40
15:47

Laboratory Data

SDG ID: GBD38897
Phoenix ID: BD38903

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-EDC-AS-BRICK-01A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%			E160.3
Extraction for PCB	Completed			02/25/13	PB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.32	mg/kg	02/26/13	AW	3540C/8082
PCB-1221	ND	0.32	mg/kg	02/26/13	AW	3540C/8082
PCB-1232	ND	0.32	mg/kg	02/26/13	AW	3540C/8082
PCB-1242	ND	0.32	mg/kg	02/26/13	AW	3540C/8082
PCB-1248	ND	0.32	mg/kg	02/26/13	AW	3540C/8082
PCB-1254	ND	0.32	mg/kg	02/26/13	AW	3540C/8082
PCB-1260	ND	0.32	mg/kg	02/26/13	AW	3540C/8082
PCB-1262	ND	0.32	mg/kg	02/26/13	AW	3540C/8082
PCB-1268	ND	0.32	mg/kg	02/26/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	74	%	02/26/13	AW	30 - 150 %
% TCMX	74	%	02/26/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-EDC-AS-BRICK-01A

Phoenix I.D.: BD38903

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level


Comments:

%SOLIDS ASSUMED 100%

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

February 28, 2013

Reviewed and Released by: Bobbi Aloisa, Vice President



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

February 28, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

02/20/13
02/22/13

Time

8:45
15:47

Laboratory Data

SDG ID: GBD38897
Phoenix ID: BD38904

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-EDC-AS-BRICK-01B

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%			E160.3
Extraction for PCB	Completed			02/25/13	PB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1221	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1232	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1242	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1248	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1254	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1260	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1262	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1268	ND	0.33	mg/kg	02/26/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	76	%	02/26/13	AW	30 - 150 %
% TCMX	74	%	02/26/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-EDC-AS-BRICK-01B

Phoenix I.D.: BD38904

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

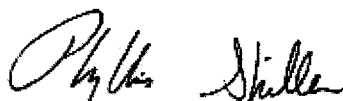
Comments:

%SOLIDS ASSUMED 100%

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

February 28, 2013

Reviewed and Released by: Bobbi Aloisa, Vice President



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

February 28, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

02/20/13
02/22/13

Time

8:50
15:47

Laboratory Data

SDG ID: GBD38897
Phoenix ID: BD38905

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-EDC-AS-BRICK-01C

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%			E160.3
Extraction for PCB	Completed			02/25/13	PB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1221	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1232	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1242	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1248	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1254	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1260	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1262	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1268	ND	0.33	mg/kg	02/26/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	76	%	02/26/13	AW	30 - 150 %
% TCMX	76	%	02/26/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-EDC-AS-BRICK-01C

Phoenix I.D.: BD38905

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

%SOLIDS ASSUMED 100%

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

February 28, 2013

Reviewed and Released by: Bobbi Aloisa, Vice President



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

February 28, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

02/20/13
02/22/13

Time

8:55
15:47

Laboratory Data

SDG ID: GBD38897
Phoenix ID: BD38906

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-SW-IWC-AS-CB-01A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%			E160.3
Extraction for PCB	Completed			02/25/13	PB/K	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.32	mg/kg	02/26/13	AW	3540C/8082
PCB-1221	ND	0.32	mg/kg	02/26/13	AW	3540C/8082
PCB-1232	ND	0.32	mg/kg	02/26/13	AW	3540C/8082
PCB-1242	ND	0.32	mg/kg	02/26/13	AW	3540C/8082
PCB-1248	ND	0.32	mg/kg	02/26/13	AW	3540C/8082
PCB-1254	ND	0.32	mg/kg	02/26/13	AW	3540C/8082
PCB-1260	ND	0.32	mg/kg	02/26/13	AW	3540C/8082
PCB-1262	ND	0.32	mg/kg	02/26/13	AW	3540C/8082
PCB-1268	ND	0.32	mg/kg	02/26/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	75		%	02/26/13	AW	30 - 150 %
% TCMX	77		%	02/26/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-SW-IWC-AS-CB-01A

Phoenix I.D.: BD38906

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

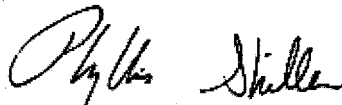
Comments:

%SOLIDS ASSUMED 100%

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

February 28, 2013

Reviewed and Released by: Bobbi Aloisa, Vice President



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

February 28, 2013

QA/QC Data

SDG I.D.: GBD38897

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 221908, QC Sample No: BD38896 (BD38897, BD38898)									
Polychlorinated Biphenyls - Solid									
PCB-1016	ND	83	83	0.0	78	85	8.6	40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	85	84	1.2	86	92	6.7	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	85	87	87	0.0	77	81	5.1	30 - 150	30
% TCMX (Surrogate Rec)	74	78	79	1.3	77	80	3.8	30 - 150	30

QA/QC Batch 222006, QC Sample No: BD38922 (BD38899, BD38900, BD38901, BD38902, BD38903, BD38904, BD38905, BD38906)

Polychlorinated Biphenyls - Solid

PCB-1016	ND	80	84	4.9				40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	78	80	2.5				40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	70	72	77	6.7				30 - 150	30
% TCMX (Surrogate Rec)	75	78	83	6.2				30 - 150	30

Comment:

* For PCBs, MS and MSD could not be reported due to PCB in the un-spiked sample.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference

LCS - Laboratory Control Sample

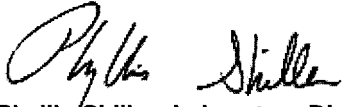
LCSD - Laboratory Control Sample Duplicate

MS - Matrix Spike

MS Dup - Matrix Spike Duplicate

NC - No Criteria

Intf - Interference


Phyllis Shiller, Laboratory Director
February 28, 2013

Thursday, February 28, 2013
Requested Criteria: None
State: CT

Sample Criteria Exceedences Report

GBD38897 - FOPCBTR

Page 1 of 1

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL	Analysis Units
--------	-------	-----------------	----------	--------	----	----------	----	----------------

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Reasonable Confidence Protocol Laboratory Analysis QA/QC Certification Form

Laboratory Name: Phoenix Environmental Labs, Inc. **Client:** F&OPCBTR

Project Location: CENTRAL HIGH SCHOOL **Project Number:**

Laboratory Sample ID(s): BD38897, BD38898, BD38899, BD38900, BD38901, BD38902, BD38903, BD38904, BD38905, BD38906

Sampling Date(s): 2/20/2013

RCP Methods Used:

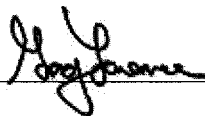
☐ 1311/1312 ☐ 6010 ☐ 7000 ☐ 7196 ☐ 7470/7471 ☐ 8081 ☐ EPH ☐ TO15
☒ 8082 ☐ 8151 ☐ 8260 ☐ 8270 ☐ ETPH ☐ 9010/9012 ☐ VPH

1.	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1a.	Were the method specified preservation and holding time requirements met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1b.	EPH and VPH methods only: Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA
2.	Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3.	Were samples received at an appropriate temperature (< 6 Degrees C)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
4.	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5a.	Were reporting limits specified or referenced on the chain-of-custody?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5b.	Were these reporting limits met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
6.	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
7.	Are project-specific matrix spikes and laboratory duplicates included in the data set?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA

Note: For all questions to which the response was "No" (with the exception of question #5a, #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence".

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized
Signature: _____



Date: Thursday, February 28, 2013

Printed Name: Greg Lawrence

Position: Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

February 28, 2013

SDG I.D.: GBD38897

PCB Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Au-ecl1 02/26/13-1 (BD38897, BD38898, BD38899, BD38900, BD38901, BD38902, BD38903, BD38904, BD38905, BD38906)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 2/26/2013

QC Comments: QC Batch 222006 02/25/13 (BD38899, BD38900, BD38901, BD38902, BD38903, BD38904, BD38905, BD38906)

* For PCBs, MS and MSD could not be reported due to PCB in the un-spiked sample.

QC (Batch Specific)

———— Sample No: BD38896, QA/QC Batch: 221908 ————

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

———— Sample No: BD38922, QA/QC Batch: 222006 ————

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

Temperature Narration

The samples in this delivery group were received at 6°C.
(Note acceptance criteria is above freezing up to 6°C)



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

February 28, 2013

SDG LD.: GBD38897



FUSS & O'NEILL

Disciplines to Deliver

(860) 646-2469 • www.FandO.com

- ☐ 146 Hartford Road, Manchester, CT 06040
☒ 56 Quarry Road, Trumbull, CT 06611
☐ 1419 Richland Street, Columbia, SC 29201
☐ 78 Interstate Drive, West Springfield, MA 01089

- ☐ 50 Redfield Street, Suite 100, Boston, MA 02122
☐ 275 Promenade Street, Suite 350, Providence, RI 02908
☐ 80 Washington Street, Suite 301, Poughkeepsie, NY 12601

CHAIN-OF-CUSTODY RECORD

26017

☐ 1 Day* ☐ 3 Days* ☐ Other _____ (days)
☐ 2 Days* ☒ Standard (5 days) *Surcharge Applies

PROJECT NAME

Central High School

PROJECT LOCATION

Bridgeport, CT

PROJECT NUMBER

20110793.A2E

LABORATORY

Phoenix

REPORT TO:

Kevin McCarthy / Karren Redfield

Analysis Request

INVOICE TO:

P.O. No.: 20110793.A2E

Sampler's Signature: *James Blum* Date: 2/21/13

Source Codes: MW=Monitoring Well PW=Poreable Water S=Soil W=Waste
SW=Surface Water T=Treatment Facility B=Sediment A=Air
X=Other adjacent surfaces (concrete, brick)

Item No.	Transfer Check				Sample Number	Source Code	Date Sampled	Time Sampled
	1	2	3	4				
1	✓	✓	✓	✓	-ST-ED/WC-AS-Brick-01A	X	2/20/13	8:00
2	✓	✓	✓	✓	-ST-ED/WC-AS-Brick-01B	X	2/20/13	8:05
3	✓	✓	✓	✓	-ST-ED/WC-AS-Brick-01C	X	2/20/13	8:10
4	✓	✓	✓	✓	-ST-ID/WC-AS-CB-01A	X	2/20/13	8:20
5	✓	✓	✓	✓	-ST-ID/WC-AS-CB-01B	X	2/20/13	8:25
6	✓	✓	✓	✓	-ST-ID/WC-AS-CB-01C	X	2/20/13	8:30
7	✓	✓	✓	✓	-EDC-AS-Brick-01A	X	2/20/13	8:40
8	✓	✓	✓	✓	-EDC-AS-Brick-01B	X	2/20/13	8:45
9	✓	✓	✓	✓	-EDC-AS-Brick-01C	X	2/20/13	8:50
10	✓	✓	✓	✓	-SW-TWC-AS-CB-01A	X	2/20/13	8:55

Analysis Request	Containers										Comments
	Soil VOA Vial (1)	Soil VOA Vial (2)	Soil VOA Vial (3)	Soil VOA Vial (4)	Soil VOA Vial (5)	Soil VOA Vial (6)	Soil VOA Vial (7)	Soil VOA Vial (8)	Soil VOA Vial (9)	Soil VOA Vial (10)	
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	388977
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	388978
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	388979
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	38900
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	38901
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	38902
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	38903
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	38904
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	38905
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	38906

Transfer Number	Relinquished By	Accepted By	Date	Time	Reporting and Detection Limit Requirements:
1	JB/Am	P+O Fridge	2/21/13	10:00	51 PPM
2	P+O Fridge	JB/Am	2/22/13	11:10	Additional Comments:
3	JB/Am	Kaleb G.	2/22/13	11:10	
4	Kaleb G.	Kaleb G.	2/22/13	15:57	



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 04, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

02/20/13
02/22/13

Time

9:00
15:47

Laboratory Data

SDG ID: GBD38922
Phoenix ID: BD38932

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-SW-IWC-AS-CB-01B

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	98		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	BB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.34	mg/kg	02/26/13	AW	3540C/8082
PCB-1221	ND	0.34	mg/kg	02/26/13	AW	3540C/8082
PCB-1232	ND	0.34	mg/kg	02/26/13	AW	3540C/8082
PCB-1242	ND	0.34	mg/kg	02/26/13	AW	3540C/8082
PCB-1248	ND	0.34	mg/kg	02/26/13	AW	3540C/8082
PCB-1254	ND	0.34	mg/kg	02/26/13	AW	3540C/8082
PCB-1260	ND	0.34	mg/kg	02/26/13	AW	3540C/8082
PCB-1262	ND	0.34	mg/kg	02/26/13	AW	3540C/8082
PCB-1268	ND	0.34	mg/kg	02/26/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	76	%	02/26/13	AW	30 - 150 %
% TCMX	73	%	02/26/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-SW-IWC-AS-CB-01B

Phoenix I.D.: BD38932

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

March 04, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 04, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

02/09/13
02/22/13

Time

9:05
15:47

Laboratory Data

SDG ID: GBD38922
Phoenix ID: BD38933

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-SW-IWC-AS-CONC-01C

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	98		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	BB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1221	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1232	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1242	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1248	*	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1254	*	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1260	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1262	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1268	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
Total PCBs	3.6	0.33	mg/kg	02/26/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	94	%	02/26/13	AW	30 - 150 %
% TCMX	89	%	02/26/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-SW-IWC-AS-CONC-01C

Phoenix I.D.: BD38933

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

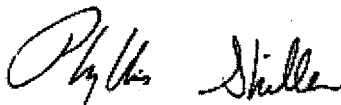
Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1248 and 1254.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

March 04, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 04, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date	Time
02/09/13	9:15
02/22/13	15:47

Laboratory Data

SDG ID: GBD38922
Phoenix ID: BD38934

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-EVC-AS-CONC-01A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	98		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	BB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1221	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1232	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1242	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1248	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1254	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1260	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1262	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1268	ND	0.33	mg/kg	02/26/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	74	%	02/26/13	AW	30 - 150 %
% TCMX	72	%	02/26/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-EVC-AS-CONC-01A

Phoenix I.D.: BD38934

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

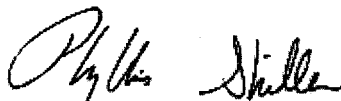
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

March 04, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 04, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
02/09/13	9:20
02/22/13	15:47

Laboratory Data

SDG ID: GBD38922
Phoenix ID: BD38935

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-EVC-AS-CONC-01B

<u>Parameter</u>	<u>Result</u>	<u>RL/ PQL</u>	<u>Units</u>	<u>Date/Time</u>	<u>By</u>	<u>Reference</u>
Percent Solid	99		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	BB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1221	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1232	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1242	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1248	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1254	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1260	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1262	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1268	ND	0.33	mg/kg	02/26/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	74	%	02/26/13	AW	30 - 150 %
% TCMX	77	%	02/26/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-EVC-AS-CONC-01B

Phoenix I.D.: BD38935

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

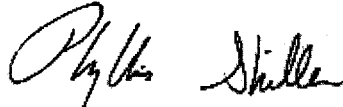
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

March 04, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 04, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

02/09/13
02/22/13

Time

9:25
15:47

Laboratory Data

SDG ID: GBD38922
Phoenix ID: BD38936

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-EVC-AS-CONC-01C

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	98		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	BB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1221	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1232	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1242	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1248	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1254	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1260	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1262	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1268	ND	0.33	mg/kg	02/26/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	80	%	02/26/13	AW	30 - 150 %
% TCMX	83	%	02/26/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-EVC-AS-CONC-01C

Phoenix I.D.: BD38936

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

March 04, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 04, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date Time
02/09/13 9:35
02/22/13 15:47

Laboratory Data

SDG ID: GBD38922
Phoenix ID: BD38937

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AS-CONC-01A-01

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	98		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	BB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.34	mg/kg	02/26/13	AW	3540C/8082
PCB-1221	ND	0.34	mg/kg	02/26/13	AW	3540C/8082
PCB-1232	ND	0.34	mg/kg	02/26/13	AW	3540C/8082
PCB-1242	ND	0.34	mg/kg	02/26/13	AW	3540C/8082
PCB-1248	ND	0.34	mg/kg	02/26/13	AW	3540C/8082
PCB-1254	ND	0.34	mg/kg	02/26/13	AW	3540C/8082
PCB-1260	ND	0.34	mg/kg	02/26/13	AW	3540C/8082
PCB-1262	ND	0.34	mg/kg	02/26/13	AW	3540C/8082
PCB-1268	ND	0.34	mg/kg	02/26/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	70	%	02/26/13	AW	30 - 150 %
% TCMX	66	%	02/26/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD38937

Client ID: 201302061203-ECC-AS-CONC-01A-01

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

March 04, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 04, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
02/09/13	9:40
02/22/13	15:47

Laboratory Data

SDG ID: GBD38922
Phoenix ID: BD38938

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AS-CONC-01A-06

<u>Parameter</u>	<u>Result</u>	<u>RL/ PQL</u>	<u>Units</u>	<u>Date/Time</u>	<u>By</u>	<u>Reference</u>
Percent Solid	98		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	BB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.34	mg/kg	02/26/13	AW	3540C/8082
PCB-1221	ND	0.34	mg/kg	02/26/13	AW	3540C/8082
PCB-1232	ND	0.34	mg/kg	02/26/13	AW	3540C/8082
PCB-1242	ND	0.34	mg/kg	02/26/13	AW	3540C/8082
PCB-1248	ND	0.34	mg/kg	02/26/13	AW	3540C/8082
PCB-1254	ND	0.34	mg/kg	02/26/13	AW	3540C/8082
PCB-1260	ND	0.34	mg/kg	02/26/13	AW	3540C/8082
PCB-1262	ND	0.34	mg/kg	02/26/13	AW	3540C/8082
PCB-1268	ND	0.34	mg/kg	02/26/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	69	%	02/26/13	AW	30 - 150 %
% TCMX	70	%	02/26/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD38938

Client ID: 201302061203-ECC-AS-CONC-01A-06

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------


RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

March 04, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 04, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date Time
02/09/13 9:45
02/22/13 15:47

Laboratory Data

SDG ID: GBD38922
Phoenix ID: BD38939

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AS-CONC-01A-12

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	98		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	BB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1221	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1232	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1242	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1248	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1254	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1260	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1262	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1268	ND	0.33	mg/kg	02/26/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	66	%	02/26/13	AW	30 - 150 %
% TCMX	78	%	02/26/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD38939

Client ID: 201302061203-ECC-AS-CONC-01A-12

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

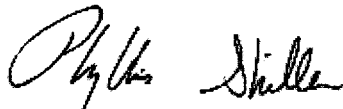
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

March 04, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 04, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date Time
02/09/13 9:55
02/22/13 15:47

Laboratory Data

SDG ID: GBD38922
Phoenix ID: BD38940

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AS-CONC-01B-01

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	98		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	BB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.34	mg/kg	02/26/13	AW	3540C/8082
PCB-1221	ND	0.34	mg/kg	02/26/13	AW	3540C/8082
PCB-1232	ND	0.34	mg/kg	02/26/13	AW	3540C/8082
PCB-1242	ND	0.34	mg/kg	02/26/13	AW	3540C/8082
PCB-1248	1.2	0.34	mg/kg	02/26/13	AW	3540C/8082
PCB-1254	ND	0.34	mg/kg	02/26/13	AW	3540C/8082
PCB-1260	ND	0.34	mg/kg	02/26/13	AW	3540C/8082
PCB-1262	ND	0.34	mg/kg	02/26/13	AW	3540C/8082
PCB-1268	ND	0.34	mg/kg	02/26/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	72	%	02/26/13	AW	30 - 150 %
% TCMX	91	%	02/26/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD38940

Client ID: 201302061203-ECC-AS-CONC-01B-01

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

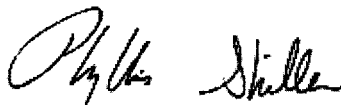
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

March 04, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 04, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
02/09/13	10:00
02/22/13	15:47

Laboratory Data

SDG ID: GBD38922
Phoenix ID: BD38941

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AS-CONC-01B-06

<u>Parameter</u>	<u>Result</u>	<u>RL/ PQL</u>	<u>Units</u>	<u>Date/Time</u>	<u>By</u>	<u>Reference</u>
Percent Solid	98	.	%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	BB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1221	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1232	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1242	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1248	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1254	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1260	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1262	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1268	ND	0.33	mg/kg	02/26/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	63	%	02/26/13	AW	30 - 150 %
% TCMX	62	%	02/26/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD38941

Client ID: 201302061203-ECC-AS-CONC-01B-06

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

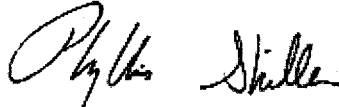
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

March 04, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

March 04, 2013

QA/QC Data

SDG I.D.: GBD38922

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 222006, QC Sample No: BD38922 (BD38922)									
Polychlorinated Biphenyls - Soil									
PCB-1016	ND	80	84	4.9				40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	78	80	2.5				40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	70	72	77	6.7				30 - 150	30
% TCMX (Surrogate Rec)	75	78	83	6.2				30 - 150	30

Comment:

* For PCBs, MS and MSD could not be reported due to PCB in the un-spiked sample.

QA/QC Batch 222019, QC Sample No: BD38923 (BD38923, BD38924, BD38925, BD38926, BD38927, BD38928, BD38929, BD38930, BD38931, BD38932, BD38933, BD38934, BD38935, BD38936, BD38937, BD38938, BD38939, BD38940, BD38941)

Polychlorinated Biphenyls - Soil, Solid

PCB-1016	ND	84	82	2.4				40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	79	80	1.3				40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	71	73	72	1.4				30 - 150	30
% TCMX (Surrogate Rec)	75	76	74	2.7				30 - 150	30

Comment:

* For PCBs, MS and MSD could not be reported due to PCB in the un-spiked sample.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference

LCS - Laboratory Control Sample

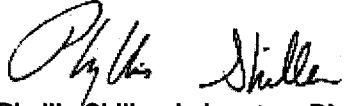
LCSD - Laboratory Control Sample Duplicate

MS - Matrix Spike

MS Dup - Matrix Spike Duplicate

NC - No Criteria

Intf - Interference


Phyllis Shiller, Laboratory Director
March 04, 2013

Sample Criteria Exceedences Report

GBD38922 - FOPCBTR

Requested Criteria: None
State: CT

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL	Analysis Units
--------	-------	-----------------	----------	--------	----	----------	----	----------------

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Reasonable Confidence Protocol Laboratory Analysis QA/QC Certification Form

Laboratory Name: Phoenix Environmental Labs, Inc. **Client:** F&OPCBTR

Project Location: CENTRAL HIGH SCHOOL **Project Number:**

Laboratory Sample ID(s): BD38922, BD38923, BD38924, BD38925, BD38926, BD38927, BD38928, BD38929, BD38930, BD38931, BD38932, BD38933, BD38934, BD38935, BD38936, BD38937, BD38938, BD38939, BD38940, BD38941

Sampling Date(s): 2/20/2013, 2/9/2013

RCP Methods Used:

☐ 1311/1312 ☐ 6010 ☐ 7000 ☐ 7196 ☐ 7470/7471 ☐ 8081 ☐ EPH ☐ TO15
☒ 8082 ☐ 8151 ☐ 8260 ☐ 8270 ☐ ETPH ☐ 9010/9012 ☐ VPH

1.	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1a.	Were the method specified preservation and holding time requirements met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1b.	EPH and VPH methods only: Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA
2.	Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3.	Were samples received at an appropriate temperature (< 6 Degrees C)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
4.	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5a.	Were reporting limits specified or referenced on the chain-of-custody?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5b.	Were these reporting limits met?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA
6.	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
7.	Are project-specific matrix spikes and laboratory duplicates included in the data set?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA

Note: For all questions to which the response was "No" (with the exception of question #5a, #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence".

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized
Signature: _____

Rashmi Makol

Date: Monday, March 04, 2013

Printed Name: Rashmi Makol

Position: Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

March 04, 2013

SDG I.D.: GBD38922

Not all requested reporting levels were achieved due to the presence of target and non target compounds.

PCB Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Au-ecd1 02/27/13-1 (BD38930, BD38931)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 2/27/2013

Instrument: Au-ecd5 02/26/13-1 (BD38924, BD38925, BD38926, BD38927, BD38928, BD38938, BD38939, BD38940, BD38941)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 2/26/2013

Instrument: Au-ecd5 02/27/13-1 (BD38922)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 2/27/2013

Instrument: Au-ecd7 02/26/13-1 (BD38923, BD38929, BD38932, BD38933, BD38934, BD38935, BD38936, BD38937)



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

March 04, 2013

SDG I.D.: GBD38922

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 2/26/2013

QC Comments: QC Batch 222006 02/25/13 (BD38922)

* For PCBs, MS and MSD could not be reported due to PCB in the un-spiked sample.

QC Comments: QC Batch 222019 02/25/13 (BD38923, BD38924, BD38925, BD38926, BD38927, BD38928, BD38929, BD38930, BD38931, BD38932, BD38933, BD38934, BD38935, BD38936, BD38937, BD38938, BD38939, BD38940, BD38941)

* For PCBs, MS and MSD could not be reported due to PCB in the un-spiked sample.

QC (Site Specific)

———— Sample No: BD38922, QA/QC Batch: 222006 ————

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

———— Sample No: BD38923, QA/QC Batch: 222019 ————

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

A matrix effect is suspected when a MS/MSD recovery is outside of criteria. No further action is required if LCS/LCSD compounds are within criteria.

Temperature Narration

The samples in this delivery group were received at 6°C.
(Note acceptance criteria is above freezing up to 6°C)



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

March 04, 2013

SDG I.D.: GBD38922



- ☐ 50 Redfield Street, Suite 100, Boston, MA 02122
- ☐ 275 Promenade Street, Suite 350, Providence, RI 02908
- ☐ 80 Washington Street, Suite 301, Poughkeepsie, NY 12601

☐ Day* ☒ 3 Days* ☐ Other _____ (days)

LABORATORY

Phoenix

Containers

Request

7

1828

3

PCB	Soil VOA Wa	Class Soil Co	Other	Water VOA	Glass Amber	Plastic - As tr	Plastic - HgSc	Plastic - NiCo	Comments
✓	-			38932					Concrete blocks
✓	-			38933					
✓	-			38934					
✓	-			38935					
✓	-			38936					
✓	-			38937					0.1 inch From caulk line
✓	-			38938					0.6 inches From caulk line
✓	-			38939					1.2 inches From caulk line
✓	-			38940					0.1 inch From caulk line
✓	-			38941					0.6 inches From caulk line

Transfer Number	Relinquished By	Accepted By	Date	Time	Reporting and Detection Limit Requirements:	Additional Comments:
1	J Blum	F to Fridge	2/21/13	10:00	< 1 ppm	
2	F to Fridge	S Blum	2/22/13	11:12		
3	S Blum	Kn 466 G.	2/22/13	11:12		
4	Kn 466 G.		2/22/13	15:17		



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 04, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date	Time
02/20/13	10:05
02/22/13	15:47

Laboratory Data

SDG ID: GBD38968
Phoenix ID: BD38968

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302201203-ECC-AS-CONC-01B-12

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	99		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/26/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.33	mg/kg	02/28/13	AW	3540C/8082
PCB-1221	ND	0.33	mg/kg	02/28/13	AW	3540C/8082
PCB-1232	ND	0.33	mg/kg	02/28/13	AW	3540C/8082
PCB-1242	ND	0.33	mg/kg	02/28/13	AW	3540C/8082
PCB-1248	ND	0.33	mg/kg	02/28/13	AW	3540C/8082
PCB-1254	ND	0.33	mg/kg	02/28/13	AW	3540C/8082
PCB-1260	ND	0.33	mg/kg	02/28/13	AW	3540C/8082
PCB-1262	ND	0.33	mg/kg	02/28/13	AW	3540C/8082
PCB-1268	ND	0.33	mg/kg	02/28/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	88	%	02/28/13	AW	30 - 150 %
% TCMX	77	%	02/28/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302201203-ECC-AS-CONC-01B-12

Phoenix I.D.: BD38968

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

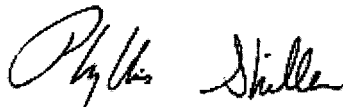
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

March 04, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 04, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
02/20/13	10:15
02/22/13	15:47

Laboratory Data

SDG ID: GBD38968
Phoenix ID: BD38969

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302201203-ECC-AS-CONC-01C-01

<u>Parameter</u>	<u>Result</u>	<u>RL/ PQL</u>	<u>Units</u>	<u>Date/Time</u>	<u>By</u>	<u>Reference</u>
Percent Solid	99		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/26/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.33	mg/kg	02/28/13	AW	3540C/8082
PCB-1221	ND	0.33	mg/kg	02/28/13	AW	3540C/8082
PCB-1232	ND	0.33	mg/kg	02/28/13	AW	3540C/8082
PCB-1242	ND	0.33	mg/kg	02/28/13	AW	3540C/8082
PCB-1248	1.9	0.33	mg/kg	02/28/13	AW	3540C/8082
PCB-1254	ND	0.33	mg/kg	02/28/13	AW	3540C/8082
PCB-1260	ND	0.33	mg/kg	02/28/13	AW	3540C/8082
PCB-1262	ND	0.33	mg/kg	02/28/13	AW	3540C/8082
PCB-1268	ND	0.33	mg/kg	02/28/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	98	%	02/28/13	AW	30 - 150 %
% TCMX	92	%	02/28/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD38969

Client ID: 201302201203-ECC-AS-CONC-01C-01

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

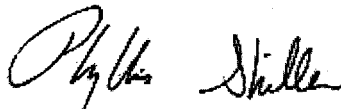
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

March 04, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 04, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
02/20/13	10:20
02/22/13	15:47

Laboratory Data

SDG ID: GBD38968
Phoenix ID: BD38970

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302201203-ECC-AS-CONC-01C-06

<u>Parameter</u>	<u>Result</u>	<u>RL/ PQL</u>	<u>Units</u>	<u>Date/Time</u>	<u>By</u>	<u>Reference</u>
Percent Solid	98		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/26/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.33	mg/kg	02/28/13	AW	3540C/8082
PCB-1221	ND	0.33	mg/kg	02/28/13	AW	3540C/8082
PCB-1232	ND	0.33	mg/kg	02/28/13	AW	3540C/8082
PCB-1242	ND	0.33	mg/kg	02/28/13	AW	3540C/8082
PCB-1248	ND	0.33	mg/kg	02/28/13	AW	3540C/8082
PCB-1254	ND	0.33	mg/kg	02/28/13	AW	3540C/8082
PCB-1260	ND	0.33	mg/kg	02/28/13	AW	3540C/8082
PCB-1262	ND	0.33	mg/kg	02/28/13	AW	3540C/8082
PCB-1268	ND	0.33	mg/kg	02/28/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	77	%	02/28/13	AW	30 - 150 %
% TCMX	70	%	02/28/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302201203-ECC-AS-CONC-01C-06

Phoenix I.D.: BD38970

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

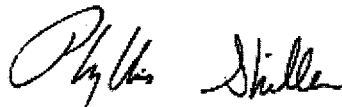
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

March 04, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 04, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
02/20/13	10:25
02/22/13	15:47

Laboratory Data

SDG ID: GBD38968
Phoenix ID: BD38971

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302201203-ECC-AS-CONC-01C-12

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	98		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/26/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.33	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	0.33	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	0.33	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	0.33	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	ND	0.33	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	ND	0.33	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	0.33	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	0.33	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	0.33	mg/kg	02/27/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	95	%	02/27/13	AW	30 - 150 %
% TCMX	67	%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302201203-ECC-AS-CONC-01C-12

Phoenix I.D.: BD38971

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

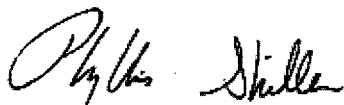
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

March 04, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 04, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date Time
02/20/13 10:35
02/22/13 15:47

Laboratory Data

SDG ID: GBD38968
Phoenix ID: BD38972

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302201203-EEC-AS-BRICK-01A-01

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	99		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/26/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.33	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	0.33	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	0.33	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	0.33	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	ND	0.33	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	ND	0.33	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	0.33	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	0.33	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	0.33	mg/kg	02/27/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	94	%	02/27/13	AW	30 - 150 %
% TCMX	76	%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD38972

Client ID: 201302201203-EEC-AS-BRICK-01A-01

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------


RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

March 04, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 04, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
02/20/13	10:40
02/22/13	15:47

Laboratory Data

SDG ID: GBD38968
Phoenix ID: BD38973

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302201203-EEC-AS-BRICK-01A-06

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/26/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.32	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	0.32	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	0.32	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	0.32	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	ND	0.32	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	ND	0.32	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	0.32	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	0.32	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	0.32	mg/kg	02/27/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	78	%	02/27/13	AW	30 - 150 %
% TCMX	78	%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302201203-EEC-AS-BRICK-01A-06

Phoenix I.D.: BD38973

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

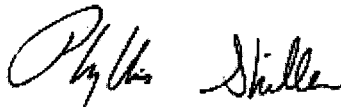
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

March 04, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 04, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date Time
02/20/13 10:45
02/22/13 15:47

Laboratory Data

SDG ID: GBD38968
Phoenix ID: BD38974

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302201203-EEC-AS-BRICK-01A-12

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	99		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/26/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.33	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	0.33	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	0.33	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	0.33	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	ND	0.33	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	ND	0.33	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	0.33	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	0.33	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	0.33	mg/kg	02/27/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	100	%	02/27/13	AW	30 - 150 %
% TCMX	64	%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302201203-EEC-AS-BRICK-01A-12

Phoenix I.D.: BD38974

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

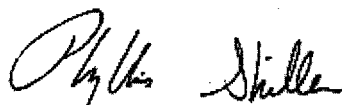
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

March 04, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

March 04, 2013

QA/QC Data

SDG I.D.: GBD38968

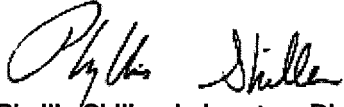
Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 222035, QC Sample No: BD38966 (BD38968, BD38969, BD38970, BD38971, BD38972, BD38973, BD38974)									
Polychlorinated Biphenyls - Solid									
PCB-1016	ND	79	80	1.3				40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	80	82	2.5				40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	72	70	73	4.2				30 - 150	30
% TCMX (Surrogate Rec)	73	70	74	5.6				30 - 150	30

Comment:

* For PCBs, MS and MSD could not be reported due to PCB in the un-spiked sample.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference


Phyllis Shiller, Laboratory Director
March 04, 2013

Monday, March 04, 2013
Requested Criteria: None

State: CT

Sample Criteria Exceedences Report

GBD38968 - FOPCBTR

Page 1 of 1

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL	Analysis Units
--------	-------	-----------------	----------	--------	----	----------	----	----------------

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Reasonable Confidence Protocol Laboratory Analysis QA/QC Certification Form

Laboratory Name: Phoenix Environmental Labs, Inc. **Client:** F&OPCBTR
Project Location: CENTRAL HIGH SCHOOL **Project Number:**
Laboratory Sample ID(s): BD38968, BD38969, BD38970, BD38971, BD38972, BD38973, BD38974
Sampling Date(s): 2/20/2013

RCP Methods Used:

☐ 1311/1312 ☐ 6010 ☐ 7000 ☐ 7196 ☐ 7470/7471 ☐ 8081 ☐ EPH ☐ TO15
☒ 8082 ☐ 8151 ☐ 8260 ☐ 8270 ☐ ETPH ☐ 9010/9012 ☐ VPH

1.	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1a.	Were the method specified preservation and holding time requirements met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1b.	EPH and VPH methods only: Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA
2.	Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3.	Were samples received at an appropriate temperature (< 6 Degrees C)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
4.	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5a.	Were reporting limits specified or referenced on the chain-of-custody?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5b.	Were these reporting limits met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
6.	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
7.	Are project-specific matrix spikes and laboratory duplicates included in the data set?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA

Note: For all questions to which the response was "No" (with the exception of question #5a, #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence".

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized
Signature:



Date: Monday, March 04, 2013

Printed Name: Rashmi Makol

Position: Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

March 04, 2013

SDG I.D.: GBD38968

PCB Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Au-eed6 02/27/13-1 (BD38974)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 2/27/2013

Instrument: Au-eed7 02/27/13-1 (BD38973)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 2/27/2013

Instrument: Au-eed8 02/28/13-1 (BD38968, BD38969, BD38970)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 2/28/2013

QC Comments: QC Batch 222035 02/25/13 (BD38968, BD38969, BD38970, BD38971, BD38972, BD38973, BD38974)

* For PCBs, MS and MSD could not be reported due to PCB in the un-spiked sample.



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

March 04, 2013

SDG I.D.: GBD38968

QC (Batch Specific)

———— Sample No: BD38966, QA/QC Batch: 222035 ————

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

Temperature Narration

The samples in this delivery group were received at 6°C.
(Note acceptance criteria is above freezing up to 6°C)



FUSS & O'NEILL

Disciplines to Deliver

(860) 646-2469 • www.FandO.com

- ☐ 146 Hartford Road, Manchester, CT 06040
☒ 56 Quarry Road, Trumbull, CT 06611
☐ 1419 Richland Street, Columbia, SC 29201
☐ 78 Interstate Drive, West Springfield, MA 01089

- ☐ 50 Redfield Street, Suite 100, Boston, MA 02122
☐ 275 Promenade Street, Suite 350, Providence, RI 02908
☐ 80 Washington Street, Suite 301, Poughkeepsie, NY 12601

CHAIN-OF-CUSTODY RECORD 26018

PROJECT NAME

Central High School

PROJECT LOCATION

Bridgeport, CT

PROJECT NUMBER

20110793.A2E

LABORATORY

Phoenix

REPORT TO: Kevin McCarthy / Karen Redfield
INVOICE TO:
P.O. NO.: 20110793.A2E
Sampler's Signature: *Kevin Blum* Date: 2/21/13
Source Codes: MW=Monitoring Well PW=Portable Water S=Soil W=Waste
SW=Surface Water T=Treatment Facility B=Sediment A=Air
X=Other adjacent Surfaces (concrete, brick)

P.O. NO.: 20110743. A2E										Date: 2/21/13													
Sampler's Signature: <i>Jesse Blum</i>																							
Source Codes: MW=Monitoring Well SW=Surface Water										W=Waste A=Air													
PW=Potable Water T=Treatment Facility										S=Soil B=Sediment													
X=Other <u>adjacent SurFues (concrete, brick)</u>																							
Item No.		Transfer Check				Sample Number		Source Code		Date Sampled		Time Sampled											
		1	2	3	4																		
21		✓	✓	✓	✓	- ECC-AS-conc-01B-12		X		2/20/13		10:05		✓									
22		✓	✓	✓	✓	- ECC-AS-conc-01C-01		X		2/20/13		10:15		✓									
23		✓	✓	✓	✓	- ECC-AS-conc-01C-06		X		2/20/13		10:20		✓									
24		✓	✓	✓	✓	- ECC-AS-conc-01C-12		X		2/20/13		10:25		✓									
25		✓	✓	✓	✓	- ECC-AS-Brick-01A-01		X		2/20/13		10:35		✓									
26		✓	✓	✓	✓	- ECC-AS-Brick-01A-06		X		2/20/13		10:40		✓									
27		✓	✓	✓	✓	- ECC-AS-Brick-01A-12		X		2/20/13		10:45		✓									

Soil VOA Vial ()	Soil VOA Vial ()	Glass Soil Container ()	Water VOA Vial ()	Glass Amber ()	Plastic - As is ()	Plastic - H ₂ SO ₄ ()	Plastic - HNO ₃ ()	Plastic - NaOH, 250 ml ()	Comments
1	1	1	1	1	1	1	1	1	12 inches From caulk line
1	1	1	1	1	1	1	1	1	01 inches From caulk line
1	1	1	1	1	1	1	1	1	06 inches From caulk line
1	1	1	1	1	1	1	1	1	12 inches From caulk line
1	1	1	1	1	1	1	1	1	01 inch From caulk line
1	1	1	1	1	1	1	1	1	06 inches From caulk line
1	1	1	1	1	1	1	1	1	12 inches From caulk line

PCB 3540 / 1802

Transfer Number	Relinquished By	Accepted By	Date	Time	Reporting and Detection Limit Requirements:
1	J Blum	F to Fridge	2/21/13	10:00	< 1 ppm
2	F to Fridge	J Blum	2/22/13	11:17	
3	J Blum	Kyle G.	2/22/13	11:17	
4	Kyle G.		2/22/13	15:43	



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 04, 2013

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: JB
Received by: LB
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
02/06/13	10:30
02/22/13	15:47

Laboratory Data

SDG ID: GBD39000
Phoenix ID: BD39000

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AG CONCRETE 01-02

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	95		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/26/13	BP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	0.2	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	0.17	mg/kg	02/27/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	83	%	02/27/13	AW	30 - 150 %
% TCMX	75	%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD39000

Client ID: 201302061203-ECC-AG CONCRETE 01-02

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

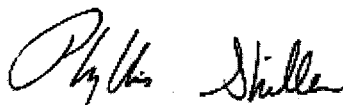
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

March 04, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 04, 2013

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: JB
Received by: LB
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
02/06/13	10:45
02/22/13	15:47

Laboratory Data

SDG ID: GBD39000
Phoenix ID: BD39001

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AG CONCRETE 03-04

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	97		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/26/13	BP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	*	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	*	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
Total PCBs	0.78	0.17	mg/kg	02/27/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	100	%	02/27/13	AW	30 - 150 %
% TCMX	83	%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD39001

Client ID: 201302061203-ECC-AG CONCRETE 03-04

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level


Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1248 and 1254.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

March 04, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 04, 2013

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: JB
Received by: LB
Analyzed by: see "By" below

Date Time
02/06/13 10:55
02/22/13 15:47

Laboratory Data

SDG ID: GBD39000
Phoenix ID: BD39002

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AG SOIL 05-06

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	78		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/26/13	BP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	7.6	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	1	mg/kg	02/27/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	101	%	02/27/13	AW	30 - 150 %
% TCMX	92	%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AG SOIL 05-06

Phoenix I.D.: BD39002

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

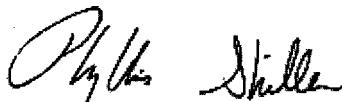
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

March 04, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 04, 2013

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: JB
Received by: LB
Analyzed by: see "By" below

Date

02/06/13
02/22/13

Time

11:05
15:47

Laboratory Data

SDG ID: GBD39000
Phoenix ID: BD39003

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AG SOIL 07-08

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	78		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/26/13	BP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	4.2	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	1	mg/kg	02/27/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	107	%	02/27/13	AW	30 - 150 %
% TCMX	91	%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD39003

Client ID: 201302061203-ECC-AG SOIL 07-08

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------


RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

March 04, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 04, 2013

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: JB
Received by: LB
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
02/06/13	11:15
02/22/13	15:47

Laboratory Data

SDG ID: GBD39000
Phoenix ID: BD39004

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AG SOIL 09-10

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	81		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/26/13	BP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	7.3	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	1	mg/kg	02/27/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	92	%	02/27/13	AW	30 - 150 %
% TCMX	88	%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AG SOIL 09-10

Phoenix I.D.: BD39004

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

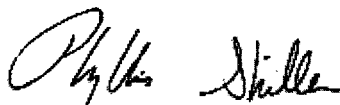
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

March 04, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

February 28, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

02/06/13
02/22/13

Time

16:50
15:47

Laboratory Data

SDG ID: GBD38888
Phoenix ID: BD38888

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-EEC-AG-ASPH-01-02 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/22/13	PB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.16	mg/kg	02/25/13	AW	3540C/8082
PCB-1221	ND	0.16	mg/kg	02/25/13	AW	3540C/8082
PCB-1232	ND	0.16	mg/kg	02/25/13	AW	3540C/8082
PCB-1242	ND	0.16	mg/kg	02/25/13	AW	3540C/8082
PCB-1248	ND	0.16	mg/kg	02/25/13	AW	3540C/8082
PCB-1254	ND	0.16	mg/kg	02/25/13	AW	3540C/8082
PCB-1260	ND	0.16	mg/kg	02/25/13	AW	3540C/8082
PCB-1262	ND	0.16	mg/kg	02/25/13	AW	3540C/8082
PCB-1268	ND	0.16	mg/kg	02/25/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	33	%	02/25/13	AW	30 - 150 %
% TCMX	34	%	02/25/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-EEC-AG-ASPH-01-02 COMP

Phoenix I.D.: BD38888

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

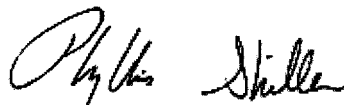
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

February 28, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

February 28, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

02/07/13
02/22/13

Time

10:05
15:47

Laboratory Data

SDG ID: GBD38888
Phoenix ID: BD38889

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-EEC-AG-SOIL-03-04 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	76		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/22/13	PB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.22	mg/kg	02/25/13	AW	3540C/8082
PCB-1221	ND	0.22	mg/kg	02/25/13	AW	3540C/8082
PCB-1232	ND	0.22	mg/kg	02/25/13	AW	3540C/8082
PCB-1242	ND	0.22	mg/kg	02/25/13	AW	3540C/8082
PCB-1248	ND	0.22	mg/kg	02/25/13	AW	3540C/8082
PCB-1254	0.41	0.22	mg/kg	02/25/13	AW	3540C/8082
PCB-1260	ND	0.22	mg/kg	02/25/13	AW	3540C/8082
PCB-1262	ND	0.22	mg/kg	02/25/13	AW	3540C/8082
PCB-1268	ND	0.22	mg/kg	02/25/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	74	%	02/25/13	AW	30 - 150 %
% TCMX	75	%	02/25/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD38889

Client ID: 201302061203-EEC-AG-SOIL-03-04 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

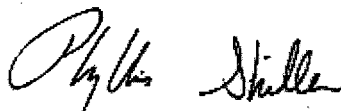
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

February 28, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

February 28, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

02/07/13
02/22/13

Time

10:15
15:47

Laboratory Data

SDG ID: GBD38888
Phoenix ID: BD38890

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-EEC-AG-SOIL-05-06 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	80		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/22/13	PB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.2	mg/kg	02/26/13	AW	3540C/8082
PCB-1221	ND	0.2	mg/kg	02/26/13	AW	3540C/8082
PCB-1232	ND	0.2	mg/kg	02/26/13	AW	3540C/8082
PCB-1242	ND	0.2	mg/kg	02/26/13	AW	3540C/8082
PCB-1248	ND	0.2	mg/kg	02/26/13	AW	3540C/8082
PCB-1254	0.34	0.2	mg/kg	02/26/13	AW	3540C/8082
PCB-1260	ND	0.2	mg/kg	02/26/13	AW	3540C/8082
PCB-1262	ND	0.2	mg/kg	02/26/13	AW	3540C/8082
PCB-1268	ND	0.2	mg/kg	02/26/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	67	%	02/26/13	AW	30 - 150 %
% TCMX	69	%	02/26/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-EEC-AG-SOIL-05-06 COMP

Phoenix I.D.: BD38890

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

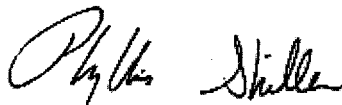
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

February 28, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

February 28, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

02/07/13
02/22/13

Time

10:25
15:47

Laboratory Data

SDG ID: GBD38888
Phoenix ID: BD38891

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-EEC-AG-SOIL-07-08 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	82		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/22/13	PB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.2	mg/kg	02/25/13	AW	3540C/8082
PCB-1221	ND	0.2	mg/kg	02/25/13	AW	3540C/8082
PCB-1232	ND	0.2	mg/kg	02/25/13	AW	3540C/8082
PCB-1242	ND	0.2	mg/kg	02/25/13	AW	3540C/8082
PCB-1248	ND	0.2	mg/kg	02/25/13	AW	3540C/8082
PCB-1254	ND	0.2	mg/kg	02/25/13	AW	3540C/8082
PCB-1260	ND	0.2	mg/kg	02/25/13	AW	3540C/8082
PCB-1262	ND	0.2	mg/kg	02/25/13	AW	3540C/8082
PCB-1268	ND	0.2	mg/kg	02/25/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	68	%	02/25/13	AW	30 - 150 %
% TCMX	62	%	02/25/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-EEC-AG-SOIL-07-08 COMP

Phoenix I.D.: BD38891

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

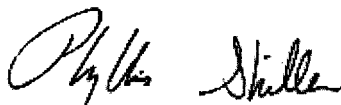
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

February 28, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

February 28, 2013

QA/QC Data

SDG I.D.: GBD38888

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 221907, QC Sample No: BD38890 (BD38888, BD38889, BD38890, BD38891)									
Polychlorinated Biphenyls - Solid									
PCB-1016	ND	78			80	76	5.1	40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	75			85	84	1.2	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	82	85			81	77	5.1	30 - 150	30
% TCMX (Surrogate Rec)	67	74			79	77	2.6	30 - 150	30

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference

LCS - Laboratory Control Sample

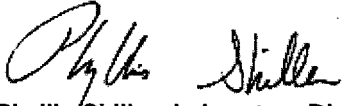
LCSD - Laboratory Control Sample Duplicate

MS - Matrix Spike

MS Dup - Matrix Spike Duplicate

NC - No Criteria

Intf - Interference


Phyllis Shiller, Laboratory Director
February 28, 2013

Thursday, February 28, 2013
Requested Criteria: None
State: CT

Sample Criteria Exceedences Report

GBD38888 - FOPCBTR

Page 1 of 1

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL	Analysis Units
--------	-------	-----------------	----------	--------	----	----------	----	----------------

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Reasonable Confidence Protocol Laboratory Analysis QA/QC Certification Form

Laboratory Name: Phoenix Environmental Labs, Inc. **Client:** F&OPCBTR

Project Location: CENTRAL HIGH SCHOOL **Project Number:**

Laboratory Sample ID(s): BD38888, BD38889, BD38890, BD38891

Sampling Date(s): 2/6/2013, 2/7/2013

RCP Methods Used:

☐ 1311/1312 ☐ 6010 ☐ 7000 ☐ 7196 ☐ 7470/7471 ☐ 8081 ☐ EPH ☐ TO15
☒ 8082 ☐ 8151 ☐ 8260 ☐ 8270 ☐ ETPH ☐ 9010/9012 ☐ VPH

1.	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1a.	Were the method specified preservation and holding time requirements met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1b.	EPH and VPH methods only: Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA
2.	Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3.	Were samples received at an appropriate temperature (< 6 Degrees C)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
4.	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5a.	Were reporting limits specified or referenced on the chain-of-custody?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5b.	Were these reporting limits met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
6.	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
7.	Are project-specific matrix spikes and laboratory duplicates included in the data set?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA

Note: For all questions to which the response was "No" (with the exception of question #5a, #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence".

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized
Signature:

Rashmi Makol

Date: Thursday, February 28, 2013

Printed Name: Rashmi Makol

Position: Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

February 28, 2013

SDG I.D.: GBD38888

PCB Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Au-eed24 02/25/13-1 (BD38888, BD38889)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 2/25/2013

Instrument: Au-eed5 02/25/13-1 (BD38891)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 2/25/2013

Instrument: Au-eed7 02/26/13-1 (BD38890)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 2/26/2013



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

February 28, 2013

SDG LD.: GBD38888

QC (Site Specific)

———— Sample No: BD38890, QA/QC Batch: 221907 ————

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All MS recoveries were within 40 - 140 with the following exceptions: None.

All MSD recoveries were within 40 - 140 with the following exceptions: None.

All MS/MSD RPDs were less than 30% with the following exceptions: None.

A matrix effect is suspected when a MS/MSD recovery is outside of criteria. No further action is required if LCS/LCSD compounds are within criteria.

Temperature Narration

The samples in this delivery group were received at 6°C.
(Note acceptance criteria is above freezing up to 6°C)



FUSS & O'NEILL

Disciplines to Deliver

(860) 646-2469 • www.FandO.com

- ☐ 146 Hartford Road, Manchester, CT 06040
☒ 56 Quarry Road, Trumbull, CT 06611
☐ 1419 Richland Street, Columbia, SC 29201
☐ 78 Interstate Drive, West Springfield, MA 01089

- ☐ 50 Redfield Street, Suite 100, Boston, MA 02122
☐ 275 Promenade Street, Suite 350, Providence, RI 02908
☐ 80 Washington Street, Suite 301, Poughkeepsie, NY 12601

CHAIN-OF-CUSTODY RECORD

26015

20110793.A2E

PROJECT NAME

Central High School Bridgeport, CT

PROJECT LOCATION

Bridgeport, CT

PROJECT NUMBER

20110793.A2E

LABORATORY

Phoenix

REPORT TO: Kevin McCarthy / Karen Redfield
INVOICE TO:

P.O. NO.: 20110793.A2E

Sampler's Signature: *James Blum*

Date: 2/13/13

Source Codes:

MW=Monitoring Well PW=Potable Water S=Soil W=Waste

SW=Surface Water T=Treatment Facility B=Sediment A=Air

X=Other adjacent gravel sw faces (soil, asphalt)

Item No.	Transfer Check				Sample Number	Source Code	Date Sampled	Time Sampled											Comments
	1	2	3	4					Soil VOA Vial () methanol	Glass Soil Container () oz	Water VOA Vial () oz	Glass VOA Vial () oz	Plastic - As is () HCl	Plastic - As is () H ₂ SO ₄	Plastic - HNO ₃ () 250 ml	Plastic - NaOH () 250 ml	Plastic - H ₂ SO ₄ () 250 ml	Plastic - HNO ₃ () 250 ml	
1	✓	✓	✓	✓	201302061203	X	2/13/13	4:50	✓	1	38888	1	38888	1	38888	1	38888	1	Composite
2	✓	✓	✓	✓	-EEC-AG-asph-01	X	2/13/13	4:55	✓	1	38889	1	38889	1	38889	1	38889	1	Composite
3	✓	✓	✓	✓	-EEC-AG-soil-02	X	2/13/13	10:00	✓	1	38890	1	38890	1	38890	1	38890	1	Composite
4	✓	✓	✓	✓	-EEC-AG-soil-03	X	2/13/13	10:05	✓	1	38891	1	38891	1	38891	1	38891	1	Composite
5	✓	✓	✓	✓	-EEC-AG-soil-04	X	2/13/13	10:10	✓	1	38892	1	38892	1	38892	1	38892	1	Composite
6	✓	✓	✓	✓	-EEC-AG-soil-05	X	2/13/13	10:15	✓	1	38893	1	38893	1	38893	1	38893	1	Composite
7	✓	✓	✓	✓	-EEC-AG-soil-06	X	2/13/13	10:20	✓	1	38894	1	38894	1	38894	1	38894	1	Composite
8	✓	✓	✓	✓	-EEC-AG-soil-07	X	2/13/13	10:25	✓	1	38895	1	38895	1	38895	1	38895	1	Composite
9	✓	✓	✓	✓	-EEC-AG-soil-08	X	2/13/13	10:30	✓	1	38896	1	38896	1	38896	1	38896	1	Composite

Transfer Number	Relinquished By	Accepted By	Date	Time	Reporting and Detection Limit Requirements:
1	J Blum	F to Fr-dge	2/13/13	10:25	Composite to 0.5 ppm
2	F to Fr-dge	S Blum	2/13/13	11:05	Composite samples: EEC-AG-asph-01 to 02 / asph-03 to 04 /
3	J Blum	Kay Webb	2/13/13	11:05	asph-05 to 06 / asph-07 to 08
4			2/13/13	11:10	



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 05, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date Time
02/06/13 11:25
02/22/13 15:47

Laboratory Data

SDG ID: GBD38985
Phoenix ID: BD38995

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AG-SOIL-11-12 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	79		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/26/13	BP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.21	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	0.21	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	0.21	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	0.21	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	*	0.21	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	*	0.21	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	0.21	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	0.21	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	0.21	mg/kg	02/27/13	AW	3540C/8082
Total PCBs	1.6	0.21	mg/kg	02/27/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	90	%	02/27/13	AW	30 - 150 %
% TCMX	78	%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AG-SOIL-11-12 COMP

Phoenix I.D.: BD38995

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1248 and 1254.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

March 05, 2013

Reviewed and Released by: Bobbi Aloisa, Vice President



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 05, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

02/06/13
02/22/13

Time

11:35
15:47

Laboratory Data

SDG ID: GBD38985
Phoenix ID: BD38996

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AG-SOIL-13-14 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	81		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/27/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1221	ND	0.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1232	ND	0.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1242	ND	0.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1248	*	0.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1254	*	0.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1260	*	0.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1262	ND	0.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1268	ND	0.2	mg/kg	02/28/13	AW	3540C/8082
Total PCBs	1.8	0.2	mg/kg	02/28/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	85	%	02/28/13	AW	30 - 150 %
% TCMX	84	%	02/28/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AG-SOIL-13-14 COMP

Phoenix I.D.: BD38996

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

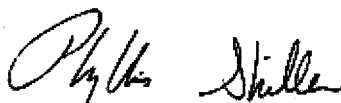
Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1248 and 1254 and 1260.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

March 05, 2013

Reviewed and Released by: Bobbi Aloisa, Vice President



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 05, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
02/06/13	11:45
02/22/13	15:47

Laboratory Data

SDG ID: GBD38985
Phoenix ID: BD38997

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AG-SOIL-15-16 COMP

<u>Parameter</u>	<u>Result</u>	<u>RL/ PQL</u>	<u>Units</u>	<u>Date/Time</u>	<u>By</u>	<u>Reference</u>
Percent Solid	84		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/26/13	BP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	*	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	*	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	0.2	mg/kg	02/27/13	AW	3540C/8082
Total PCBs	1.3	0.2	mg/kg	02/27/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	86	%	02/27/13	AW	30 - 150 %
% TCMX	80	%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD38997

Client ID: 201302061203-ECC-AG-SOIL-15-16 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

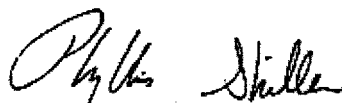
Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1248 and 1254.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

March 05, 2013

Reviewed and Released by: Bobbi Aloisa, Vice President



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 05, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
02/06/13	11:55
02/22/13	15:47

Laboratory Data

SDG ID: GBD38985
Phoenix ID: BD38998

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AG-SOIL-17-18 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	83		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/26/13	BP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	*	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	*	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	1	mg/kg	02/27/13	AW	3540C/8082
Total PCBs	5	1	mg/kg	02/27/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	96	%	02/27/13	AW	30 - 150 %
% TCMX	94	%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD38998

Client ID: 201302061203-ECC-AG-SOIL-17-18 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1248 and 1254.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

March 05, 2013

Reviewed and Released by: Bobbi Aloisa, Vice President



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 05, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
02/06/13	12:05
02/22/13	15:47

Laboratory Data

SDG ID: GBD38985
Phoenix ID: BD38999

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AG-SOIL-19-20 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	81		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/26/13	BP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	*	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	*	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	1	mg/kg	02/27/13	AW	3540C/8082
Total PCBs	6.5	1	mg/kg	02/27/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	96	%	02/27/13	AW	30 - 150 %
% TCMX	92	%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD38999

Client ID: 201302061203-ECC-AG-SOIL-19-20 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

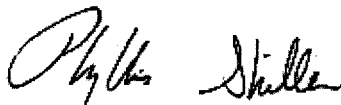
Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1248 and 1254.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

March 05, 2013

Reviewed and Released by: Bobbi Aloisa, Vice President



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

March 05, 2013

QA/QC Data

SDG I.D.: GBD38985

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 222094, QC Sample No: BD38987 (BD38985, BD38986, BD38987, BD38988, BD38989, BD38990, BD38991, BD38993, BD38994, BD38995, BD38997, BD38998, BD38999)									
Polychlorinated Biphenyls - Soil									
PCB-1016	ND	75	78	3.9				40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	81	83	2.4				40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	101	103	103	0.0				30 - 150	30
% TCMX (Surrogate Rec)	84	82	83	1.2				30 - 150	30

Comment:

* For PCBs, MS and MSD could not be reported due to PCB in the un-spiked sample.

QA/QC Batch 222209, QC Sample No: BD38996 (BD38992, BD38996)

Polychlorinated Biphenyls - Soil

PCB-1016	ND	83	81	2.4				40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	79	79	0.0				40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	66	72	70	2.8				30 - 150	30
% TCMX (Surrogate Rec)	73	83	79	4.9				30 - 150	30

Comment:

* For PCBs, MS and MSD could not be reported due to PCB in the un-spiked sample.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference

LCS - Laboratory Control Sample

LCSD - Laboratory Control Sample Duplicate

MS - Matrix Spike

MS Dup - Matrix Spike Duplicate

NC - No Criteria

Intf - Interference

Phyllis Shiller, Laboratory Director

March 05, 2013

Tuesday, March 05, 2013
Requested Criteria: None
State: CT

Sample Criteria Exceedences Report

GBD38985 - FOPCBTR

Page 1 of 1

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL	Analysis Units
--------	-------	-----------------	----------	--------	----	----------	----	----------------

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Reasonable Confidence Protocol Laboratory Analysis QA/QC Certification Form

Laboratory Name: Phoenix Environmental Labs, Inc. **Client:** F&OPCBTR

Project Location: CENTRAL HIGH SCHOOL **Project Number:**

Laboratory Sample ID(s): BD38985, BD38986, BD38987, BD38988, BD38989, BD38990, BD38991, BD38992, BD38993, BD38994, BD38995, BD38996, BD38997, BD38998, BD38999

Sampling Date(s): 2/6/2013

RCP Methods Used:

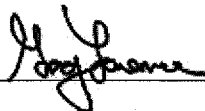
☐ 1311/1312 ☐ 6010 ☐ 7000 ☐ 7196 ☐ 7470/7471 ☐ 8081 ☐ EPH ☐ TO15
☒ 8082 ☐ 8151 ☐ 8260 ☐ 8270 ☐ ETPH ☐ 9010/9012 ☐ VPH

1.	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1a.	Were the method specified preservation and holding time requirements met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1b.	EPH and VPH methods only: Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA
2.	Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3.	Were samples received at an appropriate temperature (< 6 Degrees C)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
4.	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5a.	Were reporting limits specified or referenced on the chain-of-custody?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5b.	Were these reporting limits met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
6.	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
7.	Are project-specific matrix spikes and laboratory duplicates included in the data set?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA

Note: For all questions to which the response was "No" (with the exception of question #5a, #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence".

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized
Signature: _____



Date: Tuesday, March 05, 2013

Printed Name: Greg Lawrence

Position: Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

March 05, 2013

SDG I.D.: GBD38985

PCB Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Au-ecd7 02/27/13-1 (BD38987, BD38988, BD38989, BD38990, BD38991)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 2/27/2013

Instrument: Au-ecd8 02/27/13-1 (BD38993, BD38994, BD38995, BD38997, BD38998, BD38999)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 2/27/2013

Instrument: Au-ecd8 02/28/13-1 (BD38985, BD38986, BD38996)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 2/28/2013

Instrument: Au-ecd8 03/01/13-1 (BD38992)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

March 05, 2013

SDG I.D.: GBD38985

Printed Name Adam Werner
Position: Chemist
Date: 3/1/2013

QC Comments: QC Batch 222094 02/26/13 (BD38985, BD38986, BD38987, BD38988, BD38989, BD38990, BD38991, BD38993, BD38994, BD38995, BD38997, BD38998, BD38999)

* For PCBs, MS and MSD could not be reported due to PCB in the un-spiked sample.

QC Comments: QC Batch 222209 02/27/13 (BD38992, BD38996)

* For PCBs, MS and MSD could not be reported due to PCB in the un-spiked sample.

QC (Site Specific)

———— Sample No: BD38987, QA/QC Batch: 222094 ————

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

———— Sample No: BD38996, QA/QC Batch: 222209 ————

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

A matrix effect is suspected when a MS/MSD recovery is outside of criteria. No further action is required if LCS/LCSD compounds are within criteria.

Temperature Narration

The samples in this delivery group were received at 6°C.
(Note acceptance criteria is above freezing up to 6°C)



FUSS & O'NEILL

(860) 646-2469 • www.FandO.com

- ☐ 146 Hartford Road, Manchester, CT 06040
☒ 317 Iron Horse Way, Suite 204, Providence, RI 02908
☐ 1419 Richland Street, Columbia, SC 29201

- ☐ 78 Interstate Drive, West Springfield, MA 01089
☐ 317 Iron Horse Way, Suite 204, Providence, RI 02908
☐ 80 Washington Street, Suite 301, Poughkeepsie, NY

CHAIN-OF-CUSTODY RECORD 26983

PROJECT NAME

Central High School

PROJECT LOCATION

Bridgeport, CT

PROJECT NUMBER

20110793.A2E

REPORT TO:

Kevin McCarthy / Karen Redfield

Analysis Request

INVOICE TO:

P.O. No.: 20110793.A2E

Sampler's Signature:

James Blum

Date: 2/13/13

Source Codes:

MW=Monitoring Well
SW=Surface Water

PW=Portable Water
ST=Stormwater

T=Treatment Facility
W=Waste

S=Soil
C=Concrete

X=Other *adjacent ground surfaces (soil, asphalt, concrete)*

Transfer Check

1 2 3 4

Sample Number

Source Code

Date Sampled

Time Sampled

Item No.

11

-ECC-AG-Soil-11

X

2/6/13

11:20

12

-ECC-AG-Soil-12

X

2/6/13

11:25

13

-ECC-AG-Soil-13

X

2/6/13

11:30

14

-ECC-AG-Soil-14

X

2/6/13

11:35

15

-ECC-AG-Soil-15

X

2/6/13

11:40

16

-ECC-AG-Soil-16

X

2/6/13

11:45

17

-ECC-AG-Soil-17

X

2/6/13

11:50

18

-ECC-AG-Soil-18

X

2/6/13

11:55

19

-ECC-AG-Soil-19

X

2/6/13

12:00

20

-ECC-AG-Soil-20

X

2/6/13

12:05

Transfer Number

Relinquished By

Accepted By

Date

Time

1

J. Blum

F+O Fridge

2/13/13

9:10

2

F+O Fridge

S Blum

2/13/13

11:02

3

J. Blum

Ka Le G.

2/22/13

11:02

4

Ka Le G.

2/22/13

11:02

11:02

Charge Exceptions: ☐ CT Tax Exempt ☐ QA/QC ☐ Other _____

Reporting and Detection Limit Requirements: ☐ RCP Deliverables ☐ MCP CAM Cert.

Composite AG Samples (O.S. ppm)

Additional Comments: Composite: ECC-AG-Soil-11 to 12 / Soil-13 to 14

Soil-15 to 16 / Soil-17 to 18 / Soil-19 to 20

☐ 24-Hour* ☐ 72-Hour* ☐ Other _____ (days)
☐ 48-Hour* ☒ Standard (\$ _____ days) *Surcharge Applies

LABORATORY

Phoenix

Containers

Soil VOA Vial, □ water □ NaOH
Soil VOA Vial, □ methanol
Other
Glass Soil Container (4) or
Water VOA Vial, □ As is
Glass Amber () ml, □ As is
Plastic - H₂SO₄, □ 250 ml □ 500 ml □ 1000 ml
Plastic - HNO₃, □ 250 ml □ 500 ml □ 1000 ml
Plastic - NaOH, □ 250 ml
Comments

1 38993 composite
1 38996 composite
1 38997 composite
1 38998 composite
1 38999 composite



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 05, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
02/06/13	12:35
02/22/13	15:47

Laboratory Data

SDG ID: GBD38985
Phoenix ID: BD38990

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AG-SOIL-21-22 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	79		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/26/13	BP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	4.3	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	1	mg/kg	02/27/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	94	%	02/27/13	AW	30 - 150 %
% TCMX	98	%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD38990

Client ID: 201302061203-ECC-AG-SOIL-21-22 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

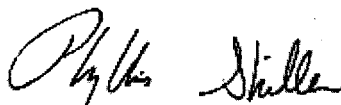
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

March 05, 2013

Reviewed and Released by: Bobbi Aloisa, Vice President



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 05, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
02/06/13	12:15
02/22/13	15:47

Laboratory Data

SDG ID: GBD38985
Phoenix ID: BD38991

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AG-SOIL-23-24 COMP

<u>Parameter</u>	<u>Result</u>	<u>RL/ PQL</u>	<u>Units</u>	<u>Date/Time</u>	<u>By</u>	<u>Reference</u>
Percent Solid	77		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/26/13	BP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.21	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	0.21	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	0.21	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	0.21	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	*	0.21	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	*	0.21	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	0.21	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	0.21	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	0.21	mg/kg	02/27/13	AW	3540C/8082
Total PCBs	0.8	0.21	mg/kg	02/27/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	87	%	02/27/13	AW	30 - 150 %
% TCMX	83	%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD38991

Client ID: 201302061203-ECC-AG-SOIL-23-24 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

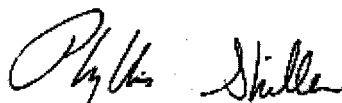
Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1248 and 1254.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

March 05, 2013

Reviewed and Released by: Bobbi Aloisa, Vice President



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 05, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
02/06/13	12:55
02/22/13	15:47

Laboratory Data

SDG ID: GBD38985
Phoenix ID: BD38992

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AG-SOIL-25-26 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	83		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/27/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.99	mg/kg	03/01/13	AW	3540C/8082
PCB-1221	ND	0.99	mg/kg	03/01/13	AW	3540C/8082
PCB-1232	ND	0.99	mg/kg	03/01/13	AW	3540C/8082
PCB-1242	ND	0.99	mg/kg	03/01/13	AW	3540C/8082
PCB-1248	6	0.99	mg/kg	03/01/13	AW	3540C/8082
PCB-1254	ND	0.99	mg/kg	03/01/13	AW	3540C/8082
PCB-1260	ND	0.99	mg/kg	03/01/13	AW	3540C/8082
PCB-1262	ND	0.99	mg/kg	03/01/13	AW	3540C/8082
PCB-1268	ND	0.99	mg/kg	03/01/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	82	%	03/01/13	AW	30 - 150 %
% TCMX	71	%	03/01/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AG-SOIL-25-26 COMP

Phoenix I.D.: BD38992

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

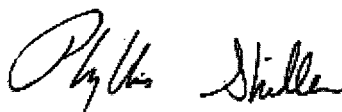
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

March 05, 2013

Reviewed and Released by: Bobbi Aloisa, Vice President



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 05, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

02/06/13
02/22/13

Time

13:05
15:47

Laboratory Data

SDG ID: GBD38985
Phoenix ID: BD38993

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AG-SOIL-27-28 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	82		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/26/13	BP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	5.6	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	1	mg/kg	02/27/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	99		%	02/27/13	AW	30 - 150 %
% TCMX	98		%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD38993

Client ID: 201302061203-ECC-AG-SOIL-27-28 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

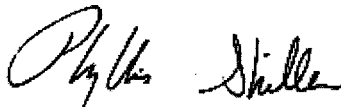
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

March 05, 2013

Reviewed and Released by: Bobbi Aloisa, Vice President



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045

Tel. (860) 645-1102

Fax (860) 645-0823

Analysis Report

March 05, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

02/06/13
02/22/13

Time

13:15
15:47

Laboratory Data

SDG ID: GBD38985
Phoenix ID: BD38994

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AG-SOIL-29-30 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	80		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/26/13	BP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	*	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	*	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	0.2	mg/kg	02/27/13	AW	3540C/8082
Total PCBs	2.6	0.2	mg/kg	02/27/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	90	%	02/27/13	AW	30 - 150 %
% TCMX	85	%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AG-SOIL-29-30 COMP

Phoenix I.D.: BD38994

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

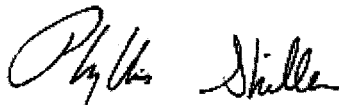
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1248 and 1254.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

March 05, 2013

Reviewed and Released by: Bobbi Aloisa, Vice President



FUSS & O'NEILL
Disciplines to Deliver
(860) 646-2469 • www.FandO.com

- ☐ 146 Hartford Road, Manchester, CT 06040
☒ 146 Quarry Road, Trumbull, CT 06611
☐ 1419 Richland Street, Columbia, SC 29201
☐ 78 Interstate Drive, West Springfield, MA 01089

- ☐ 50 Redfield Street, Suite 100, Boston, MA 02122
☐ 275 Promenade Street, Suite 350, Providence, RI 02908
☐ 80 Washington Street, Suite 301, Poughkeepsie, NY 12601

6/21/13

CHAIN-OF-CUSTODY RECORD 26007

PROJECT NAME

PROJECT LOCATION

PROJECT NUMBER

LABORATORY

Central High School Bridgeport CT

20110793-A2-E

Phoenix Containers

REPORT TO: Karen McCarthy / Karen Redfield Analysis Request

INVOICE TO:

P.O. NO.: 20110793-A2-E

Sampler's Signature: *Jane Blum* Date: 2/13/13

Source Codes: MW=Monitoring Well PW=Potable Water S=Soil W=Waste
SW=Surface Water T=Treatment Facility B=Sediment A=Air
X=Other Adjacent ground surface (soil, asphalt, concrete)

Item No.	Transfer Check				Sample Number	Source Code	Date Sampled	Time Sampled
	1	2	3	4				
21	✓	✓	✓	✓	- ECC-AG-Soil-21	X	2/6/13	12:30
22	✓	✓	✓	✓	- ECC-AG-Soil-22	X	2/6/13	12:35
23	✓	✓	✓	✓	- ECC-AG-Soil-23	X	2/6/13	12:40
24	✓	✓	✓	✓	- ECC-AG-Soil-24	X	2/6/13	12:45
25	✓	✓	✓	✓	- ECC-AG-Soil-25	X	2/6/13	12:50
26	✓	✓	✓	✓	- ECC-AG-Soil-26	X	2/6/13	12:55
27	✓	✓	✓	✓	- ECC-AG-Soil-27	X	2/6/13	1:00
28	✓	✓	✓	✓	- ECC-AG-Soil-28	X	2/6/13	1:05
29	✓	✓	✓	✓	- ECC-AG-Soil-29	X	2/6/13	1:10
30	✓	✓	✓	✓	- ECC-AG-Soil-30	X	2/6/13	1:15

Soil VOA Val. [] methanol	Water VOA Val. [] water	Other [] (NaSO ₃)	Glass Soil Container () oz	Glass VOA Val. [] 250 ml	Plastic - As is, [] 250 ml	Plastic - H ₂ SO ₄ , [] 250 ml	Plastic - NaOH, 250 ml	Comments
1	1	1	1	1	1	1	1	composite
1	1	1	1	1	1	1	1	composite
1	1	1	1	1	1	1	1	composite
1	1	1	1	1	1	1	1	composite
1	1	1	1	1	1	1	1	composite
1	1	1	1	1	1	1	1	composite

Transfer Number	Relinquished By	Accepted By	Date	Time	Reporting and Detection Limit Requirements:
1	J. Blum	F to Bridge	2/13/13	9:15	Composite AG samples < 0.5 ppm
2	F to O.Fridge	S Blum	2/22/13	11:00	Additional Comments: Composite samples: ECC-AG-Soil-21 to 22 / Soil-23 to 24 /
3	S Blum	Kaleb G.	2/23/13	11:00	Soil-25 to 26 / Soil-27-28 / Soil-29-30
4	Kaleb G.		2/23/13	1:57	



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 05, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

02/06/13
02/22/13

Time

13:20
15:47

Laboratory Data

SDG ID: GBD38985
Phoenix ID: BD38985

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AG-SOIL-31-32 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	80		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/26/13	BP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	1	mg/kg	02/28/13	AW	3540C/8082
PCB-1221	ND	1	mg/kg	02/28/13	AW	3540C/8082
PCB-1232	ND	1	mg/kg	02/28/13	AW	3540C/8082
PCB-1242	ND	1	mg/kg	02/28/13	AW	3540C/8082
PCB-1248	7	1	mg/kg	02/28/13	AW	3540C/8082
PCB-1254	ND	1	mg/kg	02/28/13	AW	3540C/8082
PCB-1260	ND	1	mg/kg	02/28/13	AW	3540C/8082
PCB-1262	ND	1	mg/kg	02/28/13	AW	3540C/8082
PCB-1268	ND	1	mg/kg	02/28/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	92	%	02/28/13	AW	30 - 150 %
% TCMX	109	%	02/28/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD38985

Client ID: 201302061203-ECC-AG-SOIL-31-32 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

March 05, 2013

Reviewed and Released by: Bobbi Aloisa, Vice President



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 05, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

02/06/13
02/22/13

Time

13:35
15:47

Laboratory Data

SDG ID: GBD38985
Phoenix ID: BD38986

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AG-SOIL-33-34 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	81		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/26/13	BP/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	2	mg/kg	02/28/13	AW	3540C/8082
PCB-1221	ND	2	mg/kg	02/28/13	AW	3540C/8082
PCB-1232	ND	2	mg/kg	02/28/13	AW	3540C/8082
PCB-1242	ND	2	mg/kg	02/28/13	AW	3540C/8082
PCB-1248	7.2	2	mg/kg	02/28/13	AW	3540C/8082
PCB-1254	ND	2	mg/kg	02/28/13	AW	3540C/8082
PCB-1260	ND	2	mg/kg	02/28/13	AW	3540C/8082
PCB-1262	ND	2	mg/kg	02/28/13	AW	3540C/8082
PCB-1268	ND	2	mg/kg	02/28/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	Diluted Out		%	02/28/13	AW	30 - 150 %
% TCMX	Diluted Out		%	02/28/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

March 05, 2013

Reviewed and Released by: Bobbi Aloisa, Vice President



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 05, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
02/06/13	13:45
02/22/13	15:47

Laboratory Data

SDG ID: GBD38985
Phoenix ID: BD38987

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AG-SOIL-35-36 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	83		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/26/13	BP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	*	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	*	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	0.2	mg/kg	02/27/13	AW	3540C/8082
Total PCBs	1.7	0.2	mg/kg	02/27/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	92	%	02/27/13	AW	30 - 150 %
% TCMX	88	%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AG-SOIL-35-36 COMP

Phoenix I.D.: BD38987

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

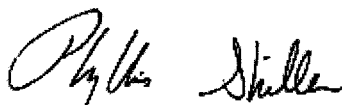
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1248 and 1254.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

March 05, 2013

Reviewed and Released by: Bobbi Aloisa, Vice President



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 05, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date Time

02/06/13 13:55
02/22/13 15:47

Laboratory Data

SDG ID: GBD38985
Phoenix ID: BD38988

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AG-SOIL-37-38 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	83		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/26/13	BP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.98	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	0.98	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	0.98	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	0.98	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	6.1	0.98	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	ND	0.98	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	0.98	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	0.98	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	0.98	mg/kg	02/27/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	94	%	02/27/13	AW	30 - 150 %
% TCMX	95	%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD38988

Client ID: 201302061203-ECC-AG-SOIL-37-38 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

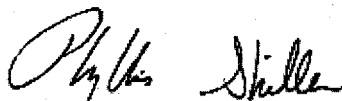
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

March 05, 2013

Reviewed and Released by: Bobbi Aloisa, Vice President



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 05, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
02/06/13	14:05
02/22/13	15:47

Laboratory Data

SDG ID: GBD38985
Phoenix ID: BD38989

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AG-SOIL-39-40 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	80		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/26/13	BP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	6.5	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	1	mg/kg	02/27/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	89	%	02/27/13	AW	30 - 150 %
% TCMX	96	%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AG-SOIL-39-40 COMP

Phoenix I.D.: BD38989

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

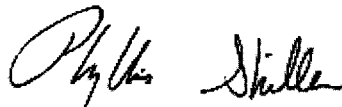
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

March 05, 2013

Reviewed and Released by: Bobbi Aloisa, Vice President



FUSS & O'NEILL

Disciplines to Deliver

(860) 646-2469 • www.FandO.com

- ☐ 146 Hartford Road, Manchester, CT 06040
- ☒ 56 Quarry Road, Trumbull, CT 06611
- ☒ 7419 Richland Street, Columbia, SC 29201
- ☐ 78 Interstate Drive, West Springfield, MA 01089

- ☐ 50 Redfield Street, Suite 100, Boston, MA 02122
- ☐ 275 Promenade Street, Suite 350, Providence, RI 02908
- ☐ 80 Washington Street, Suite 301, Poughkeepsie, NY 12601

CHAIN-OF-CUSTODY RECORD 26006

PROJECT NAME

PROJECT LOCATION

PROJECT NUMBER

LABORATORY

Central High School Bridgeport, CT

20110793.A2E

Phoenix

REPORT TO: Kenn McCarthy/Karron Redfield

Analysis Request

INVOICE TO:

P.O. No.: 20110793.A2E

Sampler's Signature: *Jane 8/13* Date: 2/10/13

Source Codes:

MW=Monitoring Well PW=Portable Water S=Soil W=Waste

SW=Surface Water T=Treatment Facility B=Sediment R=Air

X=Other Adjacent gravel surfaces (soil, asphalt, concrete)

Item No.	Transfer Check				Sample Number	Source Code	Date Sampled	Time Sampled	Containers						
	1	2	3	4					Soil VOA Vial [] methanol	Glass Soil Container [] water	Other [] Na2SO4	Water VOA Vial [] As is [] HCl	Glass Amber [] As is [] HCl	Plastic - H2SO4 [] 250 ml [] 500 ml [] 1000 ml	Plastic - NaOH, 250 ml [] Unfiltered [] Filtered
31	✓	✓	✓	✓	- ECC-AG-Soil-31	X	2/6/13	1:20	✓	✓	✓	38785	✓	✓	Composite
32	✓	✓	✓	✓	- ECC-AG-Soil-32	X	2/6/13	1:25	✓	✓	✓	38786	✓	✓	Composite
33	✓	✓	✓	✓	- ECC-AG-Soil-33	X	2/6/13	1:30	✓	✓	✓	38787	✓	✓	Composite
34	✓	✓	✓	✓	- ECC-AG-Soil-34	X	2/6/13	1:35	✓	✓	✓	38788	✓	✓	Composite
35	✓	✓	✓	✓	- ECC-AG-Soil-35	X	2/6/13	1:40	✓	✓	✓	38789	✓	✓	Composite
36	✓	✓	✓	✓	- ECC-AG-Soil-36	X	2/6/13	1:45	✓	✓	✓	38790	✓	✓	Composite
37	✓	✓	✓	✓	- ECC-AG-Soil-37	X	2/6/13	1:50	✓	✓	✓	38791	✓	✓	Composite
38	✓	✓	✓	✓	- ECC-AG-Soil-38	X	2/6/13	1:55	✓	✓	✓	38792	✓	✓	Composite
39	✓	✓	✓	✓	- ECC-AG-Soil-39	X	2/6/13	2:00	✓	✓	✓	38793	✓	✓	Composite
40	✓	✓	✓	✓	- ECC-AG-Soil-40	X	2/6/13	2:05	✓	✓	✓	38794	✓	✓	Composite

PKS 33706/808

Transfer Number	Relinquished By	Accepted By	Date	Time	Reporting and Detection Limit Requirements:
1	J Blm	Fto Fridge	2/13/13	9:20	Composite 46 samples < 0.5 ppm
2	Fto Fridge	J Blm	2/22/13	11:00	Additional Comments: Composite samples: ECC-AG-Soil-31 to 32 / Soil-33 to 34 / Soil-35 to 36 / Soil-37 to 38 / Soil-39 to 40
3	J Blm	Kaleb G.	2/22/13	11:00	
4	Kaleb G.	J Blm	2/22/13	11:00	



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 05, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date	Time
02/06/13	14:15
02/22/13	15:47

Laboratory Data

SDG ID: GBD38892
Phoenix ID: BD38892

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AG-SOIL-41-42 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	79		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/22/13	PB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	1	mg/kg	02/26/13	AW	3540C/8082
PCB-1221	ND	1	mg/kg	02/26/13	AW	3540C/8082
PCB-1232	ND	1	mg/kg	02/26/13	AW	3540C/8082
PCB-1242	ND	1	mg/kg	02/26/13	AW	3540C/8082
PCB-1248	8.2	1	mg/kg	02/26/13	AW	3540C/8082
PCB-1254	ND	1	mg/kg	02/26/13	AW	3540C/8082
PCB-1260	ND	1	mg/kg	02/26/13	AW	3540C/8082
PCB-1262	ND	1	mg/kg	02/26/13	AW	3540C/8082
PCB-1268	ND	1	mg/kg	02/26/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	88		%	02/26/13	AW	30 - 150 %
% TCMX	88		%	02/26/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AG-SOIL-41-42 COMP

Phoenix I.D.: BD38892

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

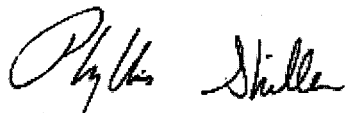
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

March 05, 2013

Reviewed and Released by: Bobbi Aloisa, Vice President



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 05, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

Time

02/06/13 14:25
02/22/13 15:47

Laboratory Data

SDG ID: GBD38892
Phoenix ID: BD38893

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AG-SOIL-43-44 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	86		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/22/13	PB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.38	mg/kg	02/26/13	AW	3540C/8082
PCB-1221	ND	0.38	mg/kg	02/26/13	AW	3540C/8082
PCB-1232	ND	0.38	mg/kg	02/26/13	AW	3540C/8082
PCB-1242	ND	0.38	mg/kg	02/26/13	AW	3540C/8082
PCB-1248	1.4	0.38	mg/kg	02/26/13	AW	3540C/8082
PCB-1254	ND	0.38	mg/kg	02/26/13	AW	3540C/8082
PCB-1260	ND	0.38	mg/kg	02/26/13	AW	3540C/8082
PCB-1262	ND	0.38	mg/kg	02/26/13	AW	3540C/8082
PCB-1268	ND	0.38	mg/kg	02/26/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	75	%	02/26/13	AW	30 - 150 %
% TCMX	59	%	02/26/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AG-SOIL-43-44 COMP

Phoenix I.D.: BD38893

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

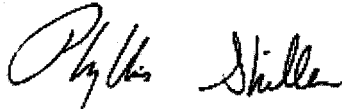
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

March 05, 2013

Reviewed and Released by: Bobbi Aloisa, Vice President



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 05, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

02/06/13
02/22/13

Time

14:35
15:47

Laboratory Data

SDG ID: GBD38892
Phoenix ID: BD38894

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AG-SOIL-45-46 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	78		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/22/13	PB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	1	mg/kg	03/01/13	AW	3540C/8082
PCB-1221	ND	1	mg/kg	03/01/13	AW	3540C/8082
PCB-1232	ND	1	mg/kg	03/01/13	AW	3540C/8082
PCB-1242	ND	1	mg/kg	03/01/13	AW	3540C/8082
PCB-1248	7.7	1	mg/kg	03/01/13	AW	3540C/8082
PCB-1254	ND	1	mg/kg	03/01/13	AW	3540C/8082
PCB-1260	ND	1	mg/kg	03/01/13	AW	3540C/8082
PCB-1262	ND	1	mg/kg	03/01/13	AW	3540C/8082
PCB-1268	ND	1	mg/kg	03/01/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	136	%	03/01/13	AW	30 - 150 %
% TCMX	114	%	03/01/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD38894

Client ID: 201302061203-ECC-AG-SOIL-45-46 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

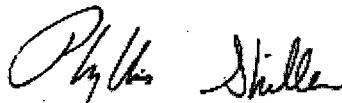
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

March 05, 2013

Reviewed and Released by: Bobbi Aloisa, Vice President



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 05, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

02/06/13
02/22/13

Time

14:45
15:47

Laboratory Data

SDG ID: GBD38892
Phoenix ID: BD38895

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AG-SOIL-47-48 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	84		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/22/13	PB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.4	mg/kg	02/26/13	AW	3540C/8082
PCB-1221	ND	0.4	mg/kg	02/26/13	AW	3540C/8082
PCB-1232	ND	0.4	mg/kg	02/26/13	AW	3540C/8082
PCB-1242	ND	0.4	mg/kg	02/26/13	AW	3540C/8082
PCB-1248	3.1	0.4	mg/kg	02/26/13	AW	3540C/8082
PCB-1254	ND	0.4	mg/kg	02/26/13	AW	3540C/8082
PCB-1260	ND	0.4	mg/kg	02/26/13	AW	3540C/8082
PCB-1262	ND	0.4	mg/kg	02/26/13	AW	3540C/8082
PCB-1268	ND	0.4	mg/kg	02/26/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	74	%	02/26/13	AW	30 - 150 %
% TCMX	70	%	02/26/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AG-SOIL-47-48 COMP

Phoenix I.D.: BD38895

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

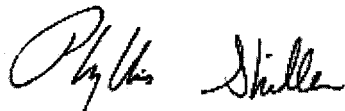
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

March 05, 2013

Reviewed and Released by: Bobbi Aloisa, Vice President



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 05, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

02/06/13
02/22/13

Time

14:50
15:47

Laboratory Data

SDG ID: GBD38892
Phoenix ID: BD38896

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AG-SOIL-49

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	83		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/22/13	BB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.4	mg/kg	02/25/13	AW	3540C/8082
PCB-1221	ND	0.4	mg/kg	02/25/13	AW	3540C/8082
PCB-1232	ND	0.4	mg/kg	02/25/13	AW	3540C/8082
PCB-1242	ND	0.4	mg/kg	02/25/13	AW	3540C/8082
PCB-1248	ND	0.4	mg/kg	02/25/13	AW	3540C/8082
PCB-1254	ND	0.4	mg/kg	02/25/13	AW	3540C/8082
PCB-1260	ND	0.4	mg/kg	02/25/13	AW	3540C/8082
PCB-1262	ND	0.4	mg/kg	02/25/13	AW	3540C/8082
PCB-1268	ND	0.4	mg/kg	02/25/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	73	%	02/25/13	AW	30 - 150 %
% TCMX	40	%	02/25/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AG-SOIL-49

Phoenix I.D.: BD38896

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

March 05, 2013

Reviewed and Released by: Bobbi Aloisa, Vice President



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

March 05, 2013

QA/QC Data

SDG I.D.: GBD38892

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 221907, QC Sample No: BD38890 (BD38892, BD38893, BD38894, BD38895)									
Polychlorinated Biphenyls - Soil									
PCB-1016	ND	78			80	76	5.1	40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	75			85	84	1.2	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	82	85			81	77	5.1	30 - 150	30
% TCMX (Surrogate Rec)	67	74			79	77	2.6	30 - 150	30
QA/QC Batch 221908, QC Sample No: BD38896 (BD38896)									
Polychlorinated Biphenyls - Soil									
PCB-1016	ND	83	83	0.0	78	85	8.6	40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	85	84	1.2	86	92	6.7	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	85	87	87	0.0	77	81	5.1	30 - 150	30
% TCMX (Surrogate Rec)	74	78	79	1.3	77	80	3.8	30 - 150	30

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference

LCS - Laboratory Control Sample

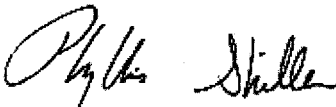
LCSD - Laboratory Control Sample Duplicate

MS - Matrix Spike

MS Dup - Matrix Spike Duplicate

NC - No Criteria

Intf - Interference


Phyllis Shiller, Laboratory Director
March 05, 2013

Tuesday, March 05, 2013
Requested Criteria: None
State: CT

Sample Criteria Exceedences Report

GBD38892 - FOPCBTR

Page 1 of 1

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL	Analysis Units
--------	-------	-----------------	----------	--------	----	----------	----	----------------

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Reasonable Confidence Protocol Laboratory Analysis QA/QC Certification Form

Laboratory Name: Phoenix Environmental Labs, Inc. **Client:** F&OPCBTR

Project Location: CENTRAL HIGH SCHOOL **Project Number:**

Laboratory Sample ID(s): BD38892, BD38893, BD38894, BD38895, BD38896

Sampling Date(s): 2/6/2013

RCP Methods Used:

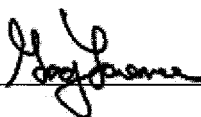
☐ 1311/1312 ☐ 6010 ☐ 7000 ☐ 7196 ☐ 7470/7471 ☐ 8081 ☐ EPH ☐ TO15
☒ 8082 ☐ 8151 ☐ 8260 ☐ 8270 ☐ ETPH ☐ 9010/9012 ☐ VPH

1.	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1a.	Were the method specified preservation and holding time requirements met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1b.	EPH and VPH methods only: Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA
2.	Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3.	Were samples received at an appropriate temperature (< 6 Degrees C)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
4.	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5a.	Were reporting limits specified or referenced on the chain-of-custody?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5b.	Were these reporting limits met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
6.	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
7.	Are project-specific matrix spikes and laboratory duplicates included in the data set?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA

Note: For all questions to which the response was "No" (with the exception of question #5a, #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence".

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized
Signature: _____



Date: Tuesday, March 05, 2013

Printed Name: Greg Lawrence

Position: Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

March 05, 2013

SDG LD.: GBD38892

PCB Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Au-ecd1 02/26/13-1 (BD38892)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 2/26/2013

Instrument: Au-ecd6 02/25/13-1 (BD38896)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 2/25/2013

Instrument: Au-ecd7 02/26/13-1 (BD38893, BD38895)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 2/26/2013

Instrument: Au-ecd8 03/01/13-1 (BD38894)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

March 05, 2013

SDG LD.: GBD38892

Printed Name Adam Werner
Position: Chemist
Date: 3/1/2013

QC (Site Specific)

———— Sample No: BD38896, QA/QC Batch: 221908 ————

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

All MS recoveries were within 40 - 140 with the following exceptions: None.

All MSD recoveries were within 40 - 140 with the following exceptions: None.

All MS/MSD RPDs were less than 30% with the following exceptions: None.

A matrix effect is suspected when a MS/MSD recovery is outside of criteria. No further action is required if LCS/LCSD compounds are within criteria.

QC (Batch Specific)

———— Sample No: BD38890, QA/QC Batch: 221907 ————

All LCS recoveries were within 40 - 140 with the following exceptions: None.

Temperature Narration

The samples in this delivery group were received at 6°C.
(Note acceptance criteria is above freezing up to 6°C)



FUSS & O'NEILL

Disciplines to Deliver

(860) 646-2469 • www.FandO.com

- ☐ 146 Hartford Road, Manchester, CT 06040
☒ 275 Promenade Street, Suite 350, Providence, RI 02908
☐ 1419 Richland Street, Columbia, SC 29201
☐ 78 Interstate Drive, West Springfield, MA 01089

- ☐ 50 Redfield Street, Suite 100, Boston, MA 02122
☐ 275 Promenade Street, Suite 350, Providence, RI 02908
☐ 80 Washington Street, Suite 301, Foughtkeepste, NY 12601

CHAIN-OF-CUSTODY RECORD 26005

PROJECT NAME

PROJECT LOCATION

PROJECT NUMBER

LABORATORY

Central High School Bridgeport, CT
REPORT TO: Kevin McCarthy / Karmen Redfield

Analysis Request

20110793-A2E

Phoenix Containers

INVOICE TO:

P.O. NO.: 20110793-A2E

Sampler's Signature: *Gene 1/13* Date: 2/13/13

Source Codes:

MW=Monitoring Well PW=Portable Water S=Soil W=Waste
SW=Surface Water T=Treatment Facility B=Sediment A=Air

X=Other Adjacent Ground Surface (Soil/Asphalt/Concrete)

Item No.	Transfer Check				Sample Number	Source Code	Date Sampled	Time Sampled										
	1	2	3	4														
41	✓	✓	✓		201302061203	X	2/6/13	2:10	✓									
42	✓	✓	✓		-ECC-AG-Soil-41	X	2/6/13	2:15	✓									
43	✓	✓	✓		-ECC-AG-Soil-42	X	2/6/13	2:20	✓									
44	✓	✓	✓		-ECC-AG-Soil-43	X	2/6/13	2:25	✓									
45	✓	✓	✓		-ECC-AG-Soil-44	X	2/6/13	2:30	✓									
46	✓	✓	✓		-ECC-AG-Soil-45	X	2/6/13	2:35	✓									
47	✓	✓	✓		-ECC-AG-Soil-46	X	2/6/13	2:40	✓									
48	✓	✓	✓		-ECC-AG-Soil-47	X	2/6/13	2:45	✓									
49	✓	✓	✓		-ECC-AG-Soil-48	X	2/6/13	2:50	✓									
					-ECC-AG-Soil-49	X	2/6/13	2:50	✓									

Transfer Number

Relinquished By

Accepted By

Date

Reporting and Detection Limit Requirements:

Composite AG samples < 0.5 ppm / discrete sample < 1.0 ppm

Additional Comments: Composite Samples: ECC-AG-Soil-41 to 42 / Soil-43 to 44 / Soil-45 to 46 / Soil-47 to 48

1	J. Blum	F + O Fridge	2/13/13	9:25	
2	F + O Fridge	J Blum	2/22/13	10:57	
3	J Blum	Kaleb G	2/22/13	10:57	
4	Kaleb G	J Blum	2/22/13	10:57	



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

February 28, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

02/06/13
02/22/13

Time

14:55
15:47

Laboratory Data

SDG ID: GBD38907
Phoenix ID: BD38907

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AG-CONCRETE-50-51 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	96		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/22/13	BB/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1221	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1232	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1242	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1248	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1254	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1260	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1262	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1268	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	74		%	02/25/13	AW	30 - 150 %
% TCMX	37		%	02/25/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD38907

Client ID: 201302061203-ECC-AG-CONCRETE-50-51 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

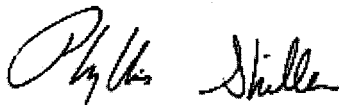
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

February 28, 2013

Reviewed and Released by: Bobbi Aloisa, Vice President



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

February 28, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

02/06/13
02/22/13

Time

15:10
15:47

Laboratory Data

SDG ID: GBD38907
Phoenix ID: BD38908

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AG-CONCRETE-52-53 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	95		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/22/13	BB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1221	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1232	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1242	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1248	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1254	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1260	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1262	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1268	ND	0.17	mg/kg	02/25/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	76		%	02/25/13	AW	30 - 150 %
% TCMX	41		%	02/25/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD38908

Client ID: 201302061203-ECC-AG-CONCRETE-52-53 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

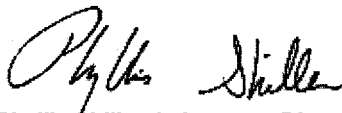
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

February 28, 2013

Reviewed and Released by: Bobbi Aloisa, Vice President



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

February 28, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

02/06/13
02/22/13

Time

15:20
15:47

Laboratory Data

SDG ID: GBD38907
Phoenix ID: BD38909

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AG-CONCRETE-54-55 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	96		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/22/13	BB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1221	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1232	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1242	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1248	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1254	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1260	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1262	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1268	ND	0.17	mg/kg	02/25/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	74	%	02/25/13	AW	30 - 150 %
% TCMX	44	%	02/25/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD38909

Client ID: 201302061203-ECC-AG-CONCRETE-54-55 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------


RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

February 28, 2013

Reviewed and Released by: Bobbi Aloisa, Vice President



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

February 28, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

02/06/13
02/22/13

Time

15:30
15:47

Laboratory Data

SDG ID: GBD38907
Phoenix ID: BD38910

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AG-CONCRETE-56-57 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	95		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/22/13	BB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1221	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1232	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1242	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1248	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1254	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1260	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1262	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1268	ND	0.17	mg/kg	02/25/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	79	%	02/25/13	AW	30 - 150 %
% TCMX	46	%	02/25/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD38910

Client ID: 201302061203-ECC-AG-CONCRETE-56-57 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

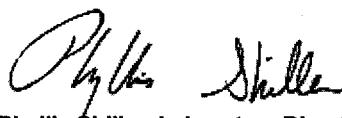
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

February 28, 2013

Reviewed and Released by: Bobbi Aloisa, Vice President



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

February 28, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

Time

02/06/13 15:35
02/22/13 15:47

Laboratory Data

SDG ID: GBD38907
Phoenix ID: BD38911

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AG-CONCRETE-58

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	96		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	PB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.34	mg/kg	02/26/13	AW	3540C/8082
PCB-1221	ND	0.34	mg/kg	02/26/13	AW	3540C/8082
PCB-1232	ND	0.34	mg/kg	02/26/13	AW	3540C/8082
PCB-1242	ND	0.34	mg/kg	02/26/13	AW	3540C/8082
PCB-1248	ND	0.34	mg/kg	02/26/13	AW	3540C/8082
PCB-1254	ND	0.34	mg/kg	02/26/13	AW	3540C/8082
PCB-1260	ND	0.34	mg/kg	02/26/13	AW	3540C/8082
PCB-1262	ND	0.34	mg/kg	02/26/13	AW	3540C/8082
PCB-1268	ND	0.34	mg/kg	02/26/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	77	%	02/26/13	AW	30 - 150 %
% TCMX	68	%	02/26/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AG-CONCRETE-58

Phoenix I.D.: BD38911

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

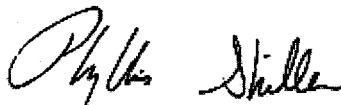
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

February 28, 2013

Reviewed and Released by: Bobbi Aloisa, Vice President



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

February 28, 2013

QA/QC Data

SDG I.D.: GBD38907

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 221908, QC Sample No: BD38896 (BD38907, BD38908, BD38909, BD38910)									
Polychlorinated Biphenyls - Solid									
PCB-1016	ND	83	83	0.0	78	85	8.6	40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	85	84	1.2	86	92	6.7	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	85	87	87	0.0	77	81	5.1	30 - 150	30
% TCMX (Surrogate Rec)	74	78	79	1.3	77	80	3.8	30 - 150	30

QA/QC Batch 222006, QC Sample No: BD38922 (BD38911)

Polychlorinated Biphenyls - Solid

PCB-1016	ND	80	84	4.9				40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	78	80	2.5				40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	70	72	77	6.7				30 - 150	30
% TCMX (Surrogate Rec)	75	78	83	6.2				30 - 150	30

Comment:

* For PCBs, MS and MSD could not be reported due to PCB in the un-spiked sample.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference

LCS - Laboratory Control Sample

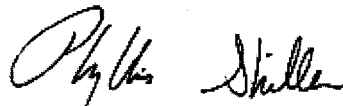
LCSD - Laboratory Control Sample Duplicate

MS - Matrix Spike

MS Dup - Matrix Spike Duplicate

NC - No Criteria

Intf - Interference


Phyllis Shiller, Laboratory Director
February 28, 2013

Thursday, February 28, 2013
Requested Criteria: None

State: CT

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL	Analysis Units
--------	-------	-----------------	----------	--------	----	----------	----	----------------

*** No Data to Display ***

Sample Criteria Exceedences Report

GBD38907 - FOPCBTR

Page 1 of 1

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Reasonable Confidence Protocol Laboratory Analysis QA/QC Certification Form

Laboratory Name: Phoenix Environmental Labs, Inc. **Client:** F&OPCBTR

Project Location: CENTRAL HIGH SCHOOL **Project Number:**

Laboratory Sample ID(s): BD38907, BD38908, BD38909, BD38910, BD38911

Sampling Date(s): 2/6/2013

RCP Methods Used:

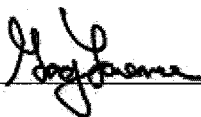
☐ 1311/1312 ☐ 6010 ☐ 7000 ☐ 7196 ☐ 7470/7471 ☐ 8081 ☐ EPH ☐ TO15
☒ 8082 ☐ 8151 ☐ 8260 ☐ 8270 ☐ ETPH ☐ 9010/9012 ☐ VPH

1.	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1a.	Were the method specified preservation and holding time requirements met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1b.	EPH and VPH methods only: Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA
2.	Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3.	Were samples received at an appropriate temperature (< 6 Degrees C)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
4.	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5a.	Were reporting limits specified or referenced on the chain-of-custody?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5b.	Were these reporting limits met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
6.	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
7.	Are project-specific matrix spikes and laboratory duplicates included in the data set?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA

Note: For all questions to which the response was "No" (with the exception of question #5a, #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence".

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized
Signature:



Date: Thursday, February 28, 2013

Printed Name: Greg Lawrence

Position: Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

February 28, 2013

SDG I.D.: GBD38907

PCB Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Au-ecd1 02/26/13-1 (BD38911)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 2/26/2013

Instrument: Au-ecd6 02/25/13-1 (BD38907, BD38908, BD38909, BD38910)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 2/25/2013

QC Comments: QC Batch 222006 02/25/13 (BD38911)

* For PCBs, MS and MSD could not be reported due to PCB in the un-spiked sample.

QC (Batch Specific)

———— Sample No: BD38896, QA/QC Batch: 221908 ————

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

———— Sample No: BD38922, QA/QC Batch: 222006 ————

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

February 28, 2013

SDG LD.: GBD38907

Temperature Narration

The samples in this delivery group were received at 6°C.
(Note acceptance criteria is above freezing up to 6°C)



FUSS & O'NEILL

Disciplines to Deliver

(860) 646-2469 • www.FandO.com

- ☐ 146 Hartford Road, Manchester, CT 06040
☒ 56 Quarry Road, Trumbull, CT 06611
☐ 149 Richland Street, Columbia, SC 29201
☐ 78 Interstate Drive, West Springfield, MA 01089

- ☐ 50 Redfield Street, Suite 100, Boston, MA 02122
☐ 275 Promenade Street, Suite 350, Providence, RI 02908
☐ 80 Washington Street, Suite 301, Poughkeepsie, NY 12601

CHAIN-OF-CUSTODY RECORD 26004

PROJECT NAME

PROJECT LOCATION

PROJECT NUMBER

LABORATORY

Central High School
Bridgeport, CT

20110793-AZE

Phoenix

REPORT TO: Kevin McCarthy / Karan Redfield

Analysis Request

Containers

INVOICE TO:

P.O. NO.: 20110793-AZE

Date: 2/13/13

Source Codes:

MW=Monitoring Well
SW=Surface Water
PW=Potable Water
T=Treatment Facility
S=Soil
B=Sediment
A=Air

Source Code

Sample Number

Date Sampled

Time Sampled

Comments

Item No.

Transfer Check

1 2 3 4

201302061203

-ECC-AG-Concrete-S0

2/6/13

2:55

50

✓

✓

✓

✓

✓

Composite

51

✓

✓

✓

✓

✓

Composite

52

✓

✓

✓

✓

✓

Composite

53

✓

✓

✓

✓

✓

Composite

54

✓

✓

✓

✓

✓

Composite

55

✓

✓

✓

✓

✓

Composite

56

✓

✓

✓

✓

✓

Composite

57

✓

✓

✓

✓

✓

Composite

58

✓

✓

✓

✓

✓

Discrete

59

✓

✓

✓

✓

✓

Discrete

60

✓

✓

✓

✓

✓

Discrete

61

✓

✓

✓

✓

✓

Discrete

62

✓

✓

✓

✓

✓

Discrete

63

✓

✓

✓

✓

✓

Discrete

64

✓

✓

✓

✓

✓

Discrete

65

✓

✓

✓

✓

✓

Discrete

66

✓

✓

✓

✓

✓

Discrete

67

✓

✓

✓

✓

✓

Discrete

68

✓

✓

✓

✓

✓

Discrete

69

✓

✓

✓

✓

✓

Discrete

70

✓

✓

✓

✓

✓

Discrete

71

✓

✓

✓

✓

✓

Discrete

72

✓

✓

✓

✓

✓

Discrete

73

✓

✓

✓

✓

✓

Discrete

74

✓

✓

✓

✓

✓

Discrete

75

✓

✓

✓

✓

✓

Discrete

76

✓

✓

✓

✓

✓

Discrete

77

✓

✓

✓

✓

✓

Discrete

78

✓

✓

✓

✓

✓

Discrete

79

✓

✓

✓

✓

✓

Discrete

80

✓

✓

✓

✓

✓

Discrete

81

✓

✓

✓

✓

✓

Discrete

82

✓

✓

✓

✓

✓

Discrete

83

✓

✓

✓

✓

✓

Discrete

84

✓

✓

✓

✓

✓

Discrete

85

✓

✓

✓

✓

✓

Discrete

86

✓

✓

✓

✓

✓

Discrete

87

✓

✓

✓

✓

✓

Discrete

88

✓

✓

✓

✓

✓

Discrete

89

✓

✓

✓

✓

✓

Discrete

90

✓

✓

✓

✓

✓

Discrete

91

✓

✓

✓

✓

✓

Discrete

92

✓

✓

✓

✓

✓

Discrete

Reporting and Detection Limit Requirements:

Composite AG samples 0.5 ppm / Discrete 1.0 ppm

Additional Comments:

Composite: ECC-AG-Concrete-S0-S1 / Concrete-S2-S3 /

Concrete-S4-S5 / Concrete-S6-S7 /

2/22/13 10:58

2/22/13 10:58

2/22/13 10:58

2/22/13 10:58

2/22/13 10:58

2/22/13 10:58

2/22/13 10:58

2/22/13 10:58



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 01, 2013

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: JB
Received by: LB
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
02/07/13	15:45
02/22/13	15:47

Laboratory Data

SDG ID: GBD38975
Phoenix ID: BD38980

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203 ECC-AG-SOIL-59-60

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	85		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/26/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.19	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	0.19	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	0.19	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	0.19	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	ND	0.19	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	ND	0.19	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	0.19	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	0.19	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	0.19	mg/kg	02/27/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	83	%	02/27/13	AW	30 - 150 %
% TCMX	81	%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203 ECC-AG-SOIL-59-60

Phoenix I.D.: BD38980

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

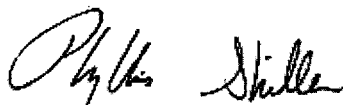
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

March 01, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 01, 2013

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: JB
Received by: LB
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
02/07/13	15:55
02/22/13	15:47

Laboratory Data

SDG ID: GBD38975
Phoenix ID: BD38981

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203 ECC-AG-SOIL-61-62

<u>Parameter</u>	<u>Result</u>	<u>RL/ PQL</u>	<u>Units</u>	<u>Date/Time</u>	<u>By</u>	<u>Reference</u>
Percent Solid	80		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/26/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	ND	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	ND	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	0.2	mg/kg	02/27/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	77	%	02/27/13	AW	30 - 150 %
% TCMX	77	%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203 ECC-AG-SOIL-61-62

Phoenix I.D.: BD38981

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------


RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

March 01, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 01, 2013

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: JB
Received by: LB
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
02/07/13	16:05
02/22/13	15:47

Laboratory Data

SDG ID: GBD38975
Phoenix ID: BD38982

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203 ECC-AG-SOIL-63-64

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	78		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/26/13	BP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.21	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	0.21	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	0.21	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	0.21	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	ND	0.21	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	0.26	0.21	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	0.21	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	0.21	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	0.21	mg/kg	02/27/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	66	%	02/27/13	AW	30 - 150 %
% TCMX	88	%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203 ECC-AG-SOIL-63-64

Phoenix I.D.: BD38982

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

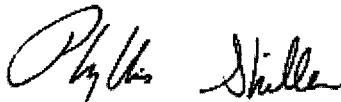
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

March 01, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 01, 2013

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: JB
Received by: LB
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
02/07/13	16:15
02/22/13	15:47

Laboratory Data

SDG ID: GBD38975
Phoenix ID: BD38983

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203 ECC-AG-SOIL-65-66

<u>Parameter</u>	<u>Result</u>	<u>RL/ PQL</u>	<u>Units</u>	<u>Date/Time</u>	<u>By</u>	<u>Reference</u>
Percent Solid	83		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/26/13	BP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	ND	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	ND	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	0.2	mg/kg	02/27/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	72	%	02/27/13	AW	30 - 150 %
% TCMX	65	%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203 ECC-AG-SOIL-65-66

Phoenix I.D.: BD38983

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

March 01, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 01, 2013

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: JB
Received by: LB
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
02/07/13	16:20
02/22/13	15:47

Laboratory Data

SDG ID: GBD38975
Phoenix ID: BD38984

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203 ECC-AG-SOIL-67

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	84		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/26/13	BP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.39	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	0.39	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	0.39	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	0.39	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	ND	0.39	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	ND	0.39	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	0.39	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	0.39	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	0.39	mg/kg	02/27/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	75	%	02/27/13	AW	30 - 150 %
% TCMX	72	%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203 ECC-AG-SOIL-67

Phoenix I.D.: BD38984

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

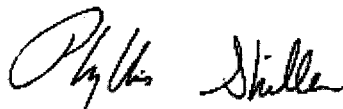
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

March 01, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

March 01, 2013

QA/QC Data

SDG I.D.: GBD38975

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 222035, QC Sample No: BD38966 (BD38975, BD38976, BD38977, BD38978, BD38979, BD38980, BD38981)									
Polychlorinated Biphenyls - Solid, Soil									
PCB-1016	ND	79	80	1.3				40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	80	82	2.5				40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	72	70	73	4.2				30 - 150	30
% TCMX (Surrogate Rec)	73	70	74	5.6				30 - 150	30

Comment:

* For PCBs, MS and MSD could not be reported due to PCB in the un-spiked sample.

QA/QC Batch 222094, QC Sample No: BD38987 (BD38982, BD38983, BD38984)

Polychlorinated Biphenyls - Soil

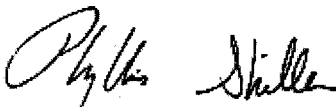
PCB-1016	ND	75	78	3.9				40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	81	83	2.4				40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	101	103	103	0.0				30 - 150	30
% TCMX (Surrogate Rec)	84	82	83	1.2				30 - 150	30

Comment:

* For PCBs, MS and MSD could not be reported due to PCB in the un-spiked sample.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference


Phyllis Shiller, Laboratory Director
March 01, 2013

Friday, March 01, 2013

Requested Criteria: None

State: CT

SampNo Acode Phoenix Analyte

Criteria

Result

RL

Criteria

RL Analysis
Criteria Units

Sample Criteria Exceedences Report

GBD38975 - FOPCBTR

Page 1 of 1

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Reasonable Confidence Protocol Laboratory Analysis QA/QC Certification Form

Laboratory Name: Phoenix Environmental Labs, Inc. **Client:** F&OPCBTR

Project Location: CENTRAL HIGH SCHOOL **Project Number:**

Laboratory Sample ID(s): BD38975, BD38976, BD38977, BD38978, BD38979, BD38980, BD38981, BD38982, BD38983, BD38984

Sampling Date(s): 2/7/2013

RCP Methods Used:

☐ 1311/1312 ☐ 6010 ☐ 7000 ☐ 7196 ☐ 7470/7471 ☐ 8081 ☐ EPH ☐ TO15
☒ 8082 ☐ 8151 ☐ 8260 ☐ 8270 ☐ ETPH ☐ 9010/9012 ☐ VPH

1.	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1a.	Were the method specified preservation and holding time requirements met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1b.	EPH and VPH methods only: Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA
2.	Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3.	Were samples received at an appropriate temperature (< 6 Degrees C)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
4.	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5a.	Were reporting limits specified or referenced on the chain-of-custody?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5b.	Were these reporting limits met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
6.	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
7.	Are project-specific matrix spikes and laboratory duplicates included in the data set?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA

Note: For all questions to which the response was "No" (with the exception of question #5a, #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence".

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized
Signature: _____

Rashmi Makol

Date: Friday, March 01, 2013

Printed Name: Rashmi Makol

Position: Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

March 01, 2013

SDG I.D.: GBD38975

PCB Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Au-ecd6 02/27/13-1 (BD38975, BD38976, BD38977, BD38978, BD38979, BD38982)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 2/27/2013

Instrument: Au-ecd7 02/27/13-1 (BD38983, BD38984)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 2/27/2013

QC Comments: QC Batch 222035 02/25/13 (BD38975, BD38976, BD38977, BD38978, BD38979, BD38980, BD38981)

* For PCBs, MS and MSD could not be reported due to PCB in the un-spiked sample.

QC Comments: QC Batch 222094 02/26/13 (BD38982, BD38983, BD38984)

* For PCBs, MS and MSD could not be reported due to PCB in the un-spiked sample.



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

March 01, 2013

SDG I.D.: GBD38975

QC (Batch Specific)

———— Sample No: BD38966, QA/QC Batch: 222035 ————

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

———— Sample No: BD38987, QA/QC Batch: 222094 ————

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

Temperature Narration

The samples were received at 6C with cooling initiated.
(Note acceptance criteria is above freezing up to 6°C)



FUSS & O'NEILL

Disciplines to Deliver

(860) 646-2469 • www.FandO.com

- ☐ 146 Hartford Road, Manchester, CT 06040
☒ 36 Quarry Road, Trumbull, CT 06611
☐ 1419 Richland Street, Columbia, SC 29201
☐ 78 Interstate Drive, West Springfield, MA 01089

- ☐ 50 Redfield Street, Suite 100, Boston, MA 02122
☐ 275 Promenade Street, Suite 350, Providence, RI 02908
☐ 80 Washington Street, Suite 301, Poughkeepsie, NY 12601

CHAIN-OF-CUSTODY RECORD 26002

PROJECT NAME

PROJECT LOCATION

PROJECT NUMBER

LABORATORY

Central High School - Bridgeport, CT

Bridgeport, CT

20110793-AZE

Phoenix

REPORT TO: Kevin McCarthy / Karan Redfield

Analysis Request

Containers

INVOICE TO:

P.O. No.: 20110793-AZE

Date: 2/13/13

Sampler's Signature: James Blum

Date: 2/13/13

Source Codes:

MW=Monitoring Well
PW=Potable Water
T=Treatment Facility
SW=Surface Water

S=Soil
B=Sediment
A=Air

W=Waste
A=Air

X=Other Adjacent ground surfaces (soil, asphalt, concrete)

Transfer Check

Sample Number

Source Code

Date Sampled

Time Sampled

Comments

Item No.

1 2 3 4

201302061203

-ECC-AG-Soil-59

-ECC-AG-Soil-60

-ECC-AG-Soil-61

-ECC-AG-Soil-62

-ECC-AG-Soil-63

-ECC-AG-Soil-64

-ECC-AG-Soil-65

-ECC-AG-Soil-66

-ECC-AG-Soil-67

59

60

61

62

63

64

65

66

67

Composite

Composite

Composite

Composite

Composite

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete

Discrete



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 01, 2013

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: JB
Received by: LB
Analyzed by: see "By" below

Date

Time

02/06/13 16:30
02/22/13 15:47

Laboratory Data

SDG ID: GBD38912
Phoenix ID: BD38912

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203 ECC-AG-ASPH-68-69

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	99		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	PB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.16	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	0.16	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	0.16	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	0.16	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	ND	0.16	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	ND	0.16	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	0.16	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	0.16	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	0.16	mg/kg	02/27/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	81	%	02/27/13	AW	30 - 150 %
% TCMX	72	%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203 ECC-AG-ASPH-68-69

Phoenix I.D.: BD38912

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

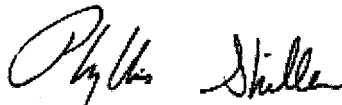
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

March 01, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 01, 2013

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: JB
Received by: LB
Analyzed by: see "By" below

Date

02/06/13
02/22/13

Time

16:35
15:47

Laboratory Data

SDG ID: GBD38912
Phoenix ID: BD38913

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203 ECC-AG-ASPH-70-71

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	PB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.16	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	0.16	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	0.16	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	0.16	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	ND	0.16	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	ND	0.16	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	0.16	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	0.16	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	0.16	mg/kg	02/27/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	86	%	02/27/13	AW	30 - 150 %
% TCMX	77	%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203 ECC-AG-ASPH-70-71

Phoenix I.D.: BD38913

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

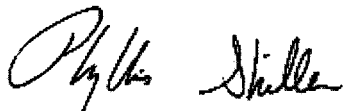
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

March 01, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 01, 2013

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: JB
Received by: LB
Analyzed by: see "By" below

Date

02/06/13
02/22/13

Time

16:50
15:47

Laboratory Data

SDG ID: GBD38912
Phoenix ID: BD38914

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203 ECC-AG-ASPH-72-73

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	99		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	PB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.16	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	0.16	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	0.16	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	0.16	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	ND	0.16	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	ND	0.16	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	0.16	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	0.16	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	0.16	mg/kg	02/27/13	AW	3540C/8082

QA/QC Surrogates

% DCP	78	%	02/27/13	AW	30 - 150 %
% TCMX	68	%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203 ECC-AG-ASPH-72-73

Phoenix I.D.: BD38914

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

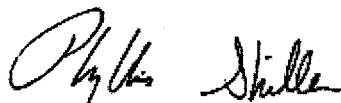
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

March 01, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 01, 2013

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: JB
Received by: LB
Analyzed by: see "By" below

Date

Time

02/06/13 9:05
02/22/13 15:47

Laboratory Data

SDG ID: GBD38912
Phoenix ID: BD38915

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203 ECC-AG-ASPH-74-75

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	98		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	PB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	0.17	mg/kg	02/27/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	77	%	02/27/13	AW	30 - 150 %
% TCMX	72	%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203 ECC-AG-ASPH-74-75

Phoenix I.D.: BD38915

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

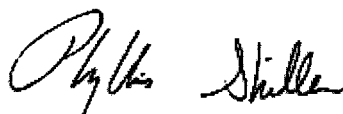
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

March 01, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 01, 2013

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: JB
Received by: LB
Analyzed by: see "By" below

Date

Time

02/06/13 9:10
02/22/13 15:47

Laboratory Data

SDG ID: GBD38912
Phoenix ID: BD38916

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203 ECC-AG-CONCRETE 76

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	99		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	PB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	0.17	mg/kg	02/27/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	75	%	02/27/13	AW	30 - 150 %
% TCMX	68	%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203 ECC-AG-CONCRETE 76

Phoenix I.D.: BD38916

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

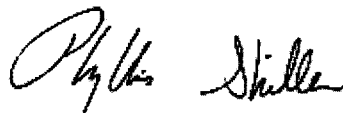
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

March 01, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



- ☐ 50 Redfield Street, Suite 100, Boston, MA 02122
- ☐ 275 Promenade Street, Suite 350, Providence, RI 02908
- ☐ 80 Washington Street, Suite 301, Poughkeepsie, NY 12601

☐ 1 Day* ☐ 3 Days* ☐ Other _____ (days)
☐ 2 Days* ☒ Standard (5 days) *Surcharge Applies

LABORATORY

LABORATORY
Phoenix

Analysis Request

INVOICE TO:

P.O. No.: 20110793.A2E

Sampler's Signature:

Donna Baker

Date: 2/12/12

Source Codes:

MW=Monitoring Well PW=Potable Water S=Soil W=Waste

T=Treatment Facility
B=Sediment

10

X=Other

—

Item No.	Transfer Check				Sample Number	Source Code	Date Sampled	Time Sampled
	1	2	3	4				
					201302061203			
68	✓	✓	✓		-ECC-AG-Asph-68	X	2/6/13	4:25
69	✓	✓	✓		-ECC-AG-Asph-69	X	2/6/13	4:30
70	✓	✓	✓		-ECC-AG-Asph-70	X	2/6/13	4:35
71	✓	✓	✓		-ECC-AG-Asph-71	X	2/6/13	4:40
72	✓	✓	✓		-ECC-AG-Asph-72	X	2/6/13	4:45
73	✓	✓	✓		-ECC-AG-Asph-73	X	2/6/13	4:50
74	✓	✓	✓		-ECC-AG-Asph-74	X	2/7/13	9:00 ^{am}
75	✓	✓	✓		-ECC-AG-Asph-75	X	2/7/13	9:05
76	✓	✓	✓		-ECC-AG-Concrete-76	X	2/7/13	9:10

Transfer Number	Relinquished By	Accepted By	Date	Time	Reporting and Detection Limit Requirements:
1	J. Blum	F + O Fridge	2/13/10	9:30	Composite samples < 0.5 ppm / Discrete < 1 ppm
2	F + O Fridge	S Blum	2/22/10	10:57	Additional Comments: Composite : ECC-AL-4504-68 + 0.69 / asph 470 + 71 / asph -72 -73 / asph -74 + 75
3	J Blum	Haylee G.	2/22/13	10:57	
4	Haylee G.		2/20/13	15:47	



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 01, 2013

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: JB
Received by: LB
Analyzed by: see "By" below

Date

02/07/13
02/22/13

Time

9:15
15:47

Laboratory Data

SDG ID: GBD38975
Phoenix ID: BD38975

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203 ECC-AG-ASPH-77-78

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	98		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/26/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	0.17	mg/kg	02/27/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	95	%	02/27/13	AW	30 - 150 %
% TCMX	77	%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203 ECC-AG-ASP-77-78

Phoenix I.D.: BD38975

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

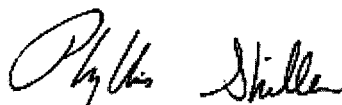
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

March 01, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 01, 2013

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: JB
Received by: LB
Analyzed by: see "By" below

Date Time
02/07/13 9:30
02/22/13 15:47

Laboratory Data

SDG ID: GBD38975
Phoenix ID: BD38976

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203 ECC-AG-ASPH-79-80

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	98		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/26/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.16	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	0.16	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	0.16	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	0.16	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	*	0.16	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	*	0.16	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	0.16	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	0.16	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	0.16	mg/kg	02/27/13	AW	3540C/8082
Total PCBs	0.43	0.16	mg/kg	02/27/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	73	%	02/27/13	AW	30 - 150 %
% TCMX	88	%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203 ECC-AG-ASPH-79-80

Phoenix I.D.: BD38976

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

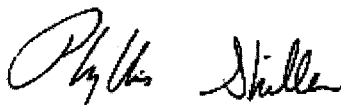
Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1248 and 1254.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

March 01, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 01, 2013

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: JB
Received by: LB
Analyzed by: see "By" below

Date

02/07/13
02/22/13

Time

9:40
15:47

Laboratory Data

SDG ID: GBD38975
Phoenix ID: BD38977

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203 ECC-AG-ASPH-81-82

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	98		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/26/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.16	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	0.16	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	0.16	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	0.16	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	ND	0.16	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	ND	0.16	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	0.16	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	0.16	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	0.16	mg/kg	02/27/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	77	%	02/27/13	AW	30 - 150 %
% TCMX	71	%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203 ECC-AG-ASPH-81-82

Phoenix I.D.: BD38977

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

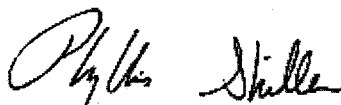
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

March 01, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 01, 2013

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: JB
Received by: LB
Analyzed by: see "By" below

Date

02/07/13
02/22/13

Time

9:50
15:47

Laboratory Data

SDG ID: GBD38975
Phoenix ID: BD38978

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203 ECC-AG-ASPH-83-84

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	99		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/26/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	0.17	mg/kg	02/27/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	79	%	02/27/13	AW	30 - 150 %
% TCMX	77	%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD38978

Client ID: 201302061203 ECC-AG-ASPH-83-84

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

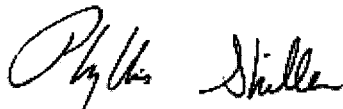
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

March 01, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 01, 2013

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: JB
Received by: LB
Analyzed by: see "By" below

Date Time
02/07/13 10:00
02/22/13 15:47

Laboratory Data

SDG ID: GBD38975
Phoenix ID: BD38979

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203 ECC-AG-ASPH-85-86

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/26/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	0.29	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	0.17	mg/kg	02/27/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	66	%	02/27/13	AW	30 - 150 %
% TCMX	91	%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203 ECC-AG-ASPH-85-86

Phoenix I.D.: BD38979

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------


RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

March 01, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



FUSS & O'NEILL

(860) 646-2469 • www.FandO.com

- ☐ 146 Hartford Road, Manchester, CT 06040
☒ 317 Iron Horse Way, Suite 204, Providence, RI 02908
☐ 1419 Richland Street, Columbia, SC 29201

- ☐ 78 Interstate Drive, West Springfield, MA 01089
☐ 317 Iron Horse Way, Suite 204, Providence, RI 02908
☐ 80 Washington Street, Suite 301, Poughkeepsie, NY

CHAIN-OF-CUSTODY RECORD

26999

PROJECT NAME

PROJECT LOCATION

PROJECT NUMBER

LABORATORY

Containers

Analysis Request

Report To: Kevin McCarthy / Karon Redfield

Invoice To:

P.O. No: 20110793.A2E

Sampler's Signature: James Blum Date: 2/13/13

Source Codes: MW=Monitoring Well PW=Portable Water T=Treatment Facility S=Soil B=Sediment
SW=Surface Water ST=Stormwater W=Waste A=Air C=Concrete

X=Other: Adjacent gravel surfaces (soil, concrete, asphalt)

Transfer Check

Item No.

1 2 3 4

Sample Number

Source Code

Date Sampled

Time Sampled

Accepted By

Relinquished By

Charge Exceptions: ☐ CT Tax Exempt ☐ QA/QC ☐ Other _____
_____ Duplicates _____ Blanks (Item Nos: _____)

Reporting and Detection Limit Requirements: ☐ RCP Deliverables ☐ MCP CAM Cert.

Additional Comments: Composite: ECC-A6-asph-77 to 78 / asph-79-80 / asph-81 to 82 / asph-83 to 84 / asph-85 to 86

Composite: 38975

Composite: 38974

Composite: 38973

Composite: 38972

Composite: 38971

Composite: 38970

Composite: 38969

Composite: 38968

Composite: 38967

Composite: 38966

Composite: 38965

Composite: 38964

Composite: 38963

Composite: 38962

Composite: 38961

Composite: 38960

Composite: 38959

Composite: 38958

Composite: 38957

Composite: 38956

Composite: 38955

Composite: 38954

Composite: 38953

Composite: 38952

Composite: 38951

Composite: 38950

Composite: 38949

Composite: 38948

Composite: 38947

Composite: 38946

Composite: 38945

Composite: 38944

Composite: 38943

Composite: 38942

Composite: 38941

Composite: 38940

Composite: 38939

Composite: 38938

Composite: 38937

Composite: 38936

Composite: 38935

Composite: 38934

Composite: 38933

Composite: 38932

Composite: 38931

Composite: 38930

Composite: 38929

Composite: 38928

Composite: 38927

Composite: 38926

Composite: 38925

Composite: 38924

Composite: 38923

Composite: 38922

Composite: 38921

Composite: 38920

Composite: 38919

Composite: 38918

Composite: 38917

Composite: 38916

Composite: 38915

Composite: 38914

Composite: 38913

Composite: 38912

Composite: 38911

Composite: 38910

Composite: 38909

Composite: 38908

Composite: 38907

Composite: 38906

Composite: 38905

Composite: 38904

Composite: 38903

Composite: 38902

Composite: 38901

Composite: 38900

Composite: 38899

Composite: 38898

Composite: 38897

Composite: 38896

Composite: 38895

Composite: 38894

Composite: 38893

Composite: 38892

Composite: 38891

Composite: 38890

Composite: 38889

Composite: 38888

Composite: 38887

Composite: 38886

Composite: 38885

Composite: 38884

Composite: 38883

Composite: 38882

Composite: 38881

Composite: 38880

Composite: 38879

Composite: 38878

Composite: 38877

Composite: 38876

Composite: 38875

Composite: 38874

Composite: 38873

Composite: 38872

Composite: 38871

Composite: 38870

Composite: 38869

Composite: 38868

Composite: 38867

Composite: 38866

Composite: 38865

Composite: 38864

Composite: 38863

Composite: 38862

Composite: 38861

Composite: 38860

Composite: 38859

Composite: 38858

Composite: 38857

Composite: 38856

Composite: 38855

Composite: 38854

Composite: 38853

Composite: 38852

Composite: 38851

Composite: 38850

Composite: 38849

Composite: 38848

Composite: 38847

Composite: 38846

Composite: 38845

Composite: 38844

Composite: 38843

Composite: 38842

Composite: 38841

Composite: 38840

Composite: 38839

Composite: 38838

Composite: 38837

Composite: 38836

Composite: 38835

Composite: 38834

Composite: 38833

Composite: 38832

Composite: 38831

Composite: 38830

Composite: 38829

Composite: 38828

Composite: 38827

Composite: 38826

Composite: 38825

Composite: 38824

Composite: 38823

Composite: 38822

Composite: 38821

Composite: 38820

Composite: 38819

Composite: 38818

Composite: 38817

Composite: 38816

Composite: 38815

Composite: 38814

Composite: 38813

Composite: 38812

Composite: 38811

Composite: 38810

Composite: 38809

Composite: 38808

Composite: 38807

Composite: 38806

Composite: 38805

Composite: 38804

Composite: 38803

Composite: 38802

Composite: 38801

Composite: 38800

Composite: 38799

Composite: 38798

Composite: 38797

Composite: 38796

Composite: 38795

Composite: 38794

Composite: 38793

Composite: 38792

Composite: 38791

Composite: 38790

Composite: 38789

Composite: 38788

Composite: 38787

Composite: 38786

Composite: 38785

Composite: 38784

Composite: 38783

Composite: 38782

Composite: 38781

Composite: 38780

Composite: 38779

Composite: 38778

Composite: 38777

Composite: 38776

Composite: 38775

Composite: 38774

Composite: 38773

Composite: 38772

Composite: 38771

Composite: 38770

Composite: 38769

Composite: 38768

Composite: 38767

Composite: 38766

Composite: 38765

Composite: 38764

Composite: 38763

Composite: 38762

Composite: 38761

Composite: 38760

Composite: 38759

Composite: 38758

Composite: 38757

Composite: 38756

Composite: 38755

Composite: 38754

Composite: 38753

Composite: 38752

Composite: 38751

Composite: 38750

Composite: 38749

Composite: 38748

Composite: 38747

Composite: 38746

Composite: 38745

Composite: 38744

Composite: 38743

Composite: 38742

Composite: 38741

Composite: 38740

Composite: 38739

Composite: 38738

Composite: 38737

Composite: 38736

Composite: 38735

Composite: 38734

Composite: 38733

Composite: 38732

Composite: 38731

Composite: 38730

Composite: 38729

Composite: 38728

Composite: 38727

Composite: 38726

Composite: 38725

Composite: 38724

Composite: 38723

Composite: 38722

Composite: 38721

Composite: 38720

Composite: 38719

Composite: 38718

Composite: 38717

Composite: 38716

Composite: 38715

Composite: 38714

Composite: 38713

Composite: 38712

Composite: 38711

<



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

February 28, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

02/07/13
02/22/13

Time

10:10
15:47

Laboratory Data

SDG ID: GBD38872
Phoenix ID: BD38872

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AG-ASPH-87-88 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/22/13	PB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.16	mg/kg	02/26/13	AW	3540C/8082
PCB-1221	ND	0.16	mg/kg	02/26/13	AW	3540C/8082
PCB-1232	ND	0.16	mg/kg	02/26/13	AW	3540C/8082
PCB-1242	ND	0.16	mg/kg	02/26/13	AW	3540C/8082
PCB-1248	0.32	0.16	mg/kg	02/26/13	AW	3540C/8082
PCB-1254	ND	0.16	mg/kg	02/26/13	AW	3540C/8082
PCB-1260	ND	0.16	mg/kg	02/26/13	AW	3540C/8082
PCB-1262	ND	0.16	mg/kg	02/26/13	AW	3540C/8082
PCB-1268	ND	0.16	mg/kg	02/26/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	76	%	02/26/13	AW	30 - 150 %
% TCMX	76	%	02/26/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD38872

Client ID: 201302061203-ECC-AG-ASPH-87-88 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------


RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

February 28, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

February 28, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

02/07/13
02/22/13

Time

10:20
15:47

Laboratory Data

SDG ID: GBD38872
Phoenix ID: BD38873

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AG-ASPH-89-90 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	99		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/22/13	PB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.17	mg/kg	02/26/13	AW	3540C/8082
PCB-1221	ND	0.17	mg/kg	02/26/13	AW	3540C/8082
PCB-1232	ND	0.17	mg/kg	02/26/13	AW	3540C/8082
PCB-1242	ND	0.17	mg/kg	02/26/13	AW	3540C/8082
PCB-1248	0.36	0.17	mg/kg	02/26/13	AW	3540C/8082
PCB-1254	ND	0.17	mg/kg	02/26/13	AW	3540C/8082
PCB-1260	ND	0.17	mg/kg	02/26/13	AW	3540C/8082
PCB-1262	ND	0.17	mg/kg	02/26/13	AW	3540C/8082
PCB-1268	ND	0.17	mg/kg	02/26/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	76	%	02/26/13	AW	30 - 150 %
% TCMX	80	%	02/26/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AG-ASPH-89-90 COMP

Phoenix I.D.: BD38873

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

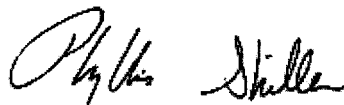
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

February 28, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

February 28, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

02/07/13
02/22/13

Time

10:30
15:47

Laboratory Data

SDG ID: GBD38872
Phoenix ID: BD38874

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AG-ASPH-91-92 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	99		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/22/13	PB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.17	mg/kg	02/26/13	AW	3540C/8082
PCB-1221	ND	0.17	mg/kg	02/26/13	AW	3540C/8082
PCB-1232	ND	0.17	mg/kg	02/26/13	AW	3540C/8082
PCB-1242	ND	0.17	mg/kg	02/26/13	AW	3540C/8082
PCB-1248	0.27	0.17	mg/kg	02/26/13	AW	3540C/8082
PCB-1254	ND	0.17	mg/kg	02/26/13	AW	3540C/8082
PCB-1260	ND	0.17	mg/kg	02/26/13	AW	3540C/8082
PCB-1262	ND	0.17	mg/kg	02/26/13	AW	3540C/8082
PCB-1268	ND	0.17	mg/kg	02/26/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	76	%	02/26/13	AW	30 - 150 %
% TCMX	82	%	02/26/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AG-ASPH-91-92 COMP

Phoenix I.D.: BD38874

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

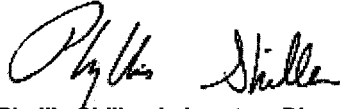
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

February 28, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

February 28, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

Time

02/07/13 10:35
02/22/13 15:47

Laboratory Data

SDG ID: GBD38872
Phoenix ID: BD38875

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AG-ASPH-93&95 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	98		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/22/13	PB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1221	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1232	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1242	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1248	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1254	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1260	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1262	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1268	ND	0.17	mg/kg	02/25/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	76	%	02/25/13	AW	30 - 150 %
% TCMX	70	%	02/25/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD38875

Client ID: 201302061203-ECC-AG-ASPH-93&95 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------


RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

February 28, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

February 28, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

02/07/13
02/22/13

Time

10:44
15:47

Laboratory Data

SDG ID: GBD38872
Phoenix ID: BD38876

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AG-ASPH-94&96 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	96		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/22/13	PB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1221	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1232	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1242	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1248	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1254	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1260	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1262	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1268	ND	0.17	mg/kg	02/25/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	69	%	02/25/13	AW	30 - 150 %
% TCMX	77	%	02/25/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AG-ASPH-94&96 COMP

Phoenix I.D.: BD38876

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

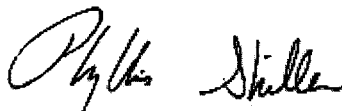
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

February 28, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

February 28, 2013

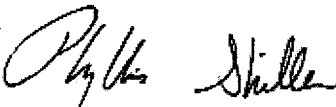
QA/QC Data

SDG I.D.: GBD38872

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 221885, QC Sample No: BD38867 (BD38872, BD38873, BD38874, BD38875)									
Polychlorinated Biphenyls - Solid									
PCB-1016	ND	55	51	7.5				40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	68	70	2.9				40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	86	86	83	3.6				30 - 150	30
% TCMX (Surrogate Rec)	68	55	48	13.6				30 - 150	30
QA/QC Batch 221907, QC Sample No: BD38890 (BD38876)									
Polychlorinated Biphenyls - Solid									
PCB-1016	ND	78			80	76	5.1	40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	75			85	84	1.2	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	82	85			81	77	5.1	30 - 150	30
% TCMX (Surrogate Rec)	67	74			79	77	2.6	30 - 150	30

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference


Phyllis Shiller, Laboratory Director
February 28, 2013

Thursday, February 28, 2013
Requested Criteria: None
State: CT

Sample Criteria Exceedences Report

GBD38872 - FOPCBTR

Page 1 of 1

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL	Analysis Units
--------	-------	-----------------	----------	--------	----	----------	----	----------------

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Reasonable Confidence Protocol Laboratory Analysis QA/QC Certification Form

Laboratory Name: Phoenix Environmental Labs, Inc. **Client:** F&OPCBTR

Project Location: CENTRAL HIGH SCHOOL **Project Number:**

Laboratory Sample ID(s): BD38872, BD38873, BD38874, BD38875, BD38876

Sampling Date(s): 2/7/2013

RCP Methods Used:

☐ 1311/1312 ☐ 6010 ☐ 7000 ☐ 7196 ☐ 7470/7471 ☐ 8081 ☐ EPH ☐ TO15
☒ 8082 ☐ 8151 ☐ 8260 ☐ 8270 ☐ ETPH ☐ 9010/9012 ☐ VPH

1.	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1a.	Were the method specified preservation and holding time requirements met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1b.	EPH and VPH methods only: Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA
2.	Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3.	Were samples received at an appropriate temperature (< 6 Degrees C)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
4.	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5a.	Were reporting limits specified or referenced on the chain-of-custody?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5b.	Were these reporting limits met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
6.	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
7.	Are project-specific matrix spikes and laboratory duplicates included in the data set?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA

Note: For all questions to which the response was "No" (with the exception of question #5a, #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence".

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized
Signature:

Rashmi Makol

Date: Thursday, February 28, 2013

Printed Name: Rashmi Makol

Position: Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

February 28, 2013

SDG LD.: GBD38872

PCB Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Au-ecd6 02/25/13-1 (BD38875, BD38876)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 2/25/2013

Instrument: Au-ecd7 02/26/13-1 (BD38872, BD38873, BD38874)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 2/26/2013

QC (Batch Specific)

——— Sample No: BD38867, QA/QC Batch: 221885 ———

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

——— Sample No: BD38890, QA/QC Batch: 221907 ———

All LCS recoveries were within 40 - 140 with the following exceptions: None.

Temperature Narration

The samples in this delivery group were received at 6°C.
(Note acceptance criteria is above freezing up to 6°C)



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

February 28, 2013

SDG LD.: GBD38872



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

February 28, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

02/07/13
02/22/13

Time

10:46
15:47

Laboratory Data

SDG ID: GBD38877
Phoenix ID: BD38877

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-AG-ASPH-97&99

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	97		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/22/13	PB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.17	mg/kg	02/26/13	AW	3540C/8082
PCB-1221	ND	0.17	mg/kg	02/26/13	AW	3540C/8082
PCB-1232	ND	0.17	mg/kg	02/26/13	AW	3540C/8082
PCB-1242	ND	0.17	mg/kg	02/26/13	AW	3540C/8082
PCB-1248	ND	0.17	mg/kg	02/26/13	AW	3540C/8082
PCB-1254	ND	0.17	mg/kg	02/26/13	AW	3540C/8082
PCB-1260	ND	0.17	mg/kg	02/26/13	AW	3540C/8082
PCB-1262	ND	0.17	mg/kg	02/26/13	AW	3540C/8082
PCB-1268	ND	0.17	mg/kg	02/26/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	84	%	02/26/13	AW	30 - 150 %
% TCMX	72	%	02/26/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-AG-ASPH-97&99

Phoenix I.D.: BD38877

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

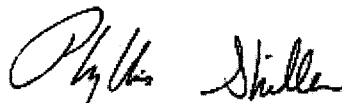
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

February 28, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

February 28, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

Time

02/07/13 10:48
02/22/13 15:47

Laboratory Data

SDG ID: GBD38877
Phoenix ID: BD38878

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-AG-ASPH-98&104

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	96		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/22/13	PB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.17	mg/kg	02/26/13	AW	3540C/8082
PCB-1221	ND	0.17	mg/kg	02/26/13	AW	3540C/8082
PCB-1232	ND	0.17	mg/kg	02/26/13	AW	3540C/8082
PCB-1242	ND	0.17	mg/kg	02/26/13	AW	3540C/8082
PCB-1248	ND	0.17	mg/kg	02/26/13	AW	3540C/8082
PCB-1254	ND	0.17	mg/kg	02/26/13	AW	3540C/8082
PCB-1260	ND	0.17	mg/kg	02/26/13	AW	3540C/8082
PCB-1262	ND	0.17	mg/kg	02/26/13	AW	3540C/8082
PCB-1268	ND	0.17	mg/kg	02/26/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	97	%	02/26/13	AW	30 - 150 %
% TCMX	84	%	02/26/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-AG-ASPH-98&104

Phoenix I.D.: BD38878

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

February 28, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

February 28, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

02/07/13
02/22/13

Time

10:52
15:47

Laboratory Data

SDG ID: GBD38877
Phoenix ID: BD38879

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-AG-ASPH-100-101

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/22/13	PB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.16	mg/kg	02/26/13	AW	3540C/8082
PCB-1221	ND	0.16	mg/kg	02/26/13	AW	3540C/8082
PCB-1232	ND	0.16	mg/kg	02/26/13	AW	3540C/8082
PCB-1242	ND	0.16	mg/kg	02/26/13	AW	3540C/8082
PCB-1248	ND	0.16	mg/kg	02/26/13	AW	3540C/8082
PCB-1254	ND	0.16	mg/kg	02/26/13	AW	3540C/8082
PCB-1260	ND	0.16	mg/kg	02/26/13	AW	3540C/8082
PCB-1262	ND	0.16	mg/kg	02/26/13	AW	3540C/8082
PCB-1268	ND	0.16	mg/kg	02/26/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	81	%	02/26/13	AW	30 - 150 %
% TCMX	72	%	02/26/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-AG-ASPH-100-101

Phoenix I.D.: BD38879

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

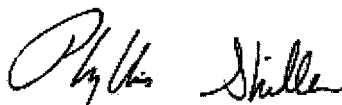
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

February 28, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

February 28, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

02/07/13
02/22/13

Time

10:58
15:47

Laboratory Data

SDG ID: GBD38877
Phoenix ID: BD38880

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-AG-ASPH-102-103

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	99		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/22/13	PB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.17	mg/kg	02/26/13	AW	3540C/8082
PCB-1221	ND	0.17	mg/kg	02/26/13	AW	3540C/8082
PCB-1232	ND	0.17	mg/kg	02/26/13	AW	3540C/8082
PCB-1242	ND	0.17	mg/kg	02/26/13	AW	3540C/8082
PCB-1248	ND	0.17	mg/kg	02/26/13	AW	3540C/8082
PCB-1254	ND	0.17	mg/kg	02/26/13	AW	3540C/8082
PCB-1260	ND	0.17	mg/kg	02/26/13	AW	3540C/8082
PCB-1262	ND	0.17	mg/kg	02/26/13	AW	3540C/8082
PCB-1268	ND	0.17	mg/kg	02/26/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	74	%	02/26/13	AW	30 - 150 %
% TCMX	69	%	02/26/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-AG-ASPH-102-103

Phoenix I.D.: BD38880

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

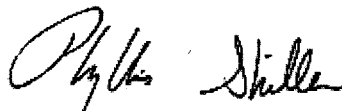
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

February 28, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

February 28, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

Time

02/07/13 11:02
02/22/13 15:47

Laboratory Data

SDG ID: GBD38877
Phoenix ID: BD38881

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-AG-ASPH-105

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/22/13	PB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.32	mg/kg	02/26/13	AW	3540C/8082
PCB-1221	ND	0.32	mg/kg	02/26/13	AW	3540C/8082
PCB-1232	ND	0.32	mg/kg	02/26/13	AW	3540C/8082
PCB-1242	ND	0.32	mg/kg	02/26/13	AW	3540C/8082
PCB-1248	ND	0.32	mg/kg	02/26/13	AW	3540C/8082
PCB-1254	ND	0.32	mg/kg	02/26/13	AW	3540C/8082
PCB-1260	ND	0.32	mg/kg	02/26/13	AW	3540C/8082
PCB-1262	ND	0.32	mg/kg	02/26/13	AW	3540C/8082
PCB-1268	ND	0.32	mg/kg	02/26/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	78	%	02/26/13	AW	30 - 150 %
% TCMX	77	%	02/26/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-AG-ASPH-105

Phoenix I.D.: BD38881

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

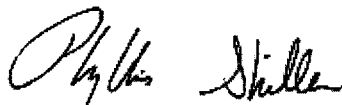
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

February 28, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

February 28, 2013

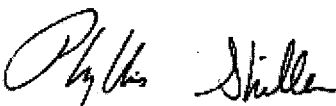
QA/QC Data

SDG I.D.: GBD38877

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 221907, QC Sample No: BD38890 (BD38877, BD38878, BD38879, BD38880, BD38881)									
Polychlorinated Biphenyls - Solid									
PCB-1016	ND	78			80	76	5.1	40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	75			85	84	1.2	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	82	85			81	77	5.1	30 - 150	30
% TCMX (Surrogate Rec)	67	74			79	77	2.6	30 - 150	30

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference


Phyllis Shiller, Laboratory Director
February 28, 2013

Thursday, February 28, 2013
Requested Criteria: None

State: CT

SampNo Acode

Phoenix Analyte

Criteria

Result

RL

Criteria

RL
Criteria

Analysis
Units

Sample Criteria Exceedences Report

GBD38877 - FOPCBTR

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Reasonable Confidence Protocol Laboratory Analysis QA/QC Certification Form

Laboratory Name: Phoenix Environmental Labs, Inc. **Client:** F&OPCBTR

Project Location: CENTRAL HIGH SCHOOL **Project Number:**

Laboratory Sample ID(s): BD38877, BD38878, BD38879, BD38880, BD38881

Sampling Date(s): 2/7/2013

RCP Methods Used:

☐ 1311/1312 ☐ 6010 ☐ 7000 ☐ 7196 ☐ 7470/7471 ☐ 8081 ☐ EPH ☐ TO15
☒ 8082 ☐ 8151 ☐ 8260 ☐ 8270 ☐ ETPH ☐ 9010/9012 ☐ VPH

1.	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1a.	Were the method specified preservation and holding time requirements met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1b.	EPH and VPH methods only: Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA
2.	Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3.	Were samples received at an appropriate temperature (< 6 Degrees C)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
4.	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5a.	Were reporting limits specified or referenced on the chain-of-custody?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5b.	Were these reporting limits met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
6.	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
7.	Are project-specific matrix spikes and laboratory duplicates included in the data set?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA

Note: For all questions to which the response was "No" (with the exception of question #5a, #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence".

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized
Signature: _____

Rashmi Makol

Date: Thursday, February 28, 2013

Printed Name: Rashmi Makol

Position: Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

February 28, 2013

SDG I.D.: GBD38877

PCB Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Au-ecd1 02/26/13-1 (BD38877, BD38879, BD38880, BD38881)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner

Position: Chemist

Date: 2/26/2013

Instrument: Au-ecd5 02/26/13-1 (BD38878)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner

Position: Chemist

Date: 2/26/2013

QC (Batch Specific)

———— Sample No: BD38890, QA/QC Batch: 221907 ————

All LCS recoveries were within 40 - 140 with the following exceptions: None.

Temperature Narration

The samples in this delivery group were received at 6°C.

(Note acceptance criteria is above freezing up to 6°C)



FUSS & O'NEILL
(860) 646-2469 • www.FandO.com

- ☐ 146 Hartford Road, Manchester, CT 06040
☒ 36 Quarry Road, Trumbull, CT 06611
☐ 1419 Richland Street, Columbia, SC 29201

- ☐ 78 Interstate Drive, West Springfield, MA 01089
☐ 317 Iron Horse Way, Suite 204, Providence, RI 02908
☐ 80 Washington Street, Suite 301, Poughkeepsie, NY

☐ Other

CHAIN-OF-CUSTODY RECORD 26997

PROJECT NAME

Central High School
REPORT TO: Kevin McCarthy/Karon Redfield

PROJECT LOCATION

Bridgewater, CT
Analysis Request

PROJECT NUMBER

20110793.AZE

LABORATORY

Phoenix

INVOICE TO:

P.O. No.: 20110793.AZE

Sampler's Signature:

Janet Blum

Date: 2/13/13

Source Codes:

MW=Monitoring Well PW=Portable Water T=Treatment Facility S=Soil B=Sediment
SW=Surface Water ST=Stormwater W=Waste A=Air C=Concrete
X=Other Adjacent ground surfaces (Soil, concrete, asphalt)

Transfer Check

1 2 3 4

Item No.

97

98

99

100

101

102

103

104

105

Source Code

X

X

X

X

X

X

X

X

X

X

X

X

X

X

Transfer Number

1

2

3

4

5

6

7

8

9

10

Relinquished By

Janet Blum

Kevin McCarthy

Janet Blum

Kevin McCarthy

Janet Blum

Kevin McCarthy

Janet Blum

Kevin McCarthy

Janet Blum

Kevin McCarthy

Accepted By

Kevin McCarthy

Janet Blum

Kevin McCarthy

Janet Blum

Kevin McCarthy

Date

2/13/13

2/13/13

2/13/13

2/13/13

2/13/13

Time

9:38

10:55

10:55

10:55

10:55

10:55

10:55

10:55

10:55

10:55

Charge Exceptions:

☐ CT Tax Exempt ☐ QA/QC ☐ Other

☐ Duplicates ☐ Blanks (Item Nos:)

Reporting and Detection Limit Requirements: ☐ RCP Deliverables ☐ MCP CAM Cert.

Composite samples < 0.5 ppm / Discrete < 1 ppm

Additional Comments: Composite: ECC-AG-asph-97 & 99 / Concrete-98 & 104

asph-100 & 101 / asph-102 & 103

6 meters



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

February 28, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

02/07/13
02/22/13

Time

11:04
15:47

Laboratory Data

SDG ID: GBD38867
Phoenix ID: BD38867

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203 ECC-AG-SOIL-106-107 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	81		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/22/13	PB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	1	mg/kg	02/26/13	AW	3540C/8082
PCB-1221	ND	1	mg/kg	02/26/13	AW	3540C/8082
PCB-1232	ND	1	mg/kg	02/26/13	AW	3540C/8082
PCB-1242	ND	1	mg/kg	02/26/13	AW	3540C/8082
PCB-1248	12	1	mg/kg	02/26/13	AW	3540C/8082
PCB-1254	ND	1	mg/kg	02/26/13	AW	3540C/8082
PCB-1260	ND	1	mg/kg	02/26/13	AW	3540C/8082
PCB-1262	ND	1	mg/kg	02/26/13	AW	3540C/8082
PCB-1268	ND	1	mg/kg	02/26/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	84	%	02/26/13	AW	30 - 150 %
% TCMX	88	%	02/26/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD38867

Client ID: 201302061203 ECC-AG-SOIL-106-107 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

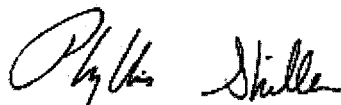
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

February 28, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

February 28, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

02/07/13
02/22/13

Time

11:10
15:47

Laboratory Data

SDG ID: GBD38867
Phoenix ID: BD38868

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203 ECC-AG-SOIL-108-109 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	76		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/22/13	PB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	1.1	mg/kg	02/26/13	AW	3540C/8082
PCB-1221	ND	1.1	mg/kg	02/26/13	AW	3540C/8082
PCB-1232	ND	1.1	mg/kg	02/26/13	AW	3540C/8082
PCB-1242	ND	1.1	mg/kg	02/26/13	AW	3540C/8082
PCB-1248	7.7	1.1	mg/kg	02/26/13	AW	3540C/8082
PCB-1254	ND	1.1	mg/kg	02/26/13	AW	3540C/8082
PCB-1260	ND	1.1	mg/kg	02/26/13	AW	3540C/8082
PCB-1262	ND	1.1	mg/kg	02/26/13	AW	3540C/8082
PCB-1268	ND	1.1	mg/kg	02/26/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	82	%	02/26/13	AW	30 - 150 %
% TCMX	93	%	02/26/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD38868

Client ID: 201302061203 ECC-AG-SOIL-108-109 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

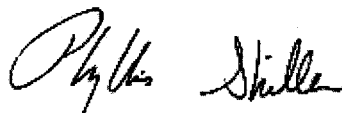
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

February 28, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

February 28, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

02/07/13
02/22/13

Time

11:14
15:47

Laboratory Data

SDG ID: GBD38867
Phoenix ID: BD38869

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203 ECC-AG-SOIL-110-111 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	80		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/22/13	PB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	1	mg/kg	02/26/13	AW	3540C/8082
PCB-1221	ND	1	mg/kg	02/26/13	AW	3540C/8082
PCB-1232	ND	1	mg/kg	02/26/13	AW	3540C/8082
PCB-1242	ND	1	mg/kg	02/26/13	AW	3540C/8082
PCB-1248	7.3	1	mg/kg	02/26/13	AW	3540C/8082
PCB-1254	ND	1	mg/kg	02/26/13	AW	3540C/8082
PCB-1260	ND	1	mg/kg	02/26/13	AW	3540C/8082
PCB-1262	ND	1	mg/kg	02/26/13	AW	3540C/8082
PCB-1268	ND	1	mg/kg	02/26/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	85	%	02/26/13	AW	30 - 150 %
% TCMX	88	%	02/26/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD38869

Client ID: 201302061203 ECC-AG-SOIL-110-111 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

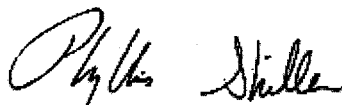
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

February 28, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

February 28, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

02/07/13
02/22/13

Time

11:18
15:47

Laboratory Data

SDG ID: GBD38867
Phoenix ID: BD38870

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203 ECC-AG-SOIL-112-113 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	83		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/22/13	PB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.99	mg/kg	02/26/13	AW	3540C/8082
PCB-1221	ND	0.99	mg/kg	02/26/13	AW	3540C/8082
PCB-1232	ND	0.99	mg/kg	02/26/13	AW	3540C/8082
PCB-1242	ND	0.99	mg/kg	02/26/13	AW	3540C/8082
PCB-1248	3.1	0.99	mg/kg	02/26/13	AW	3540C/8082
PCB-1254	ND	0.99	mg/kg	02/26/13	AW	3540C/8082
PCB-1260	ND	0.99	mg/kg	02/26/13	AW	3540C/8082
PCB-1262	ND	0.99	mg/kg	02/26/13	AW	3540C/8082
PCB-1268	ND	0.99	mg/kg	02/26/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	82	%	02/26/13	AW	30 - 150 %
% TCMX	94	%	02/26/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD38870

Client ID: 201302061203 ECC-AG-SOIL-112-113 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

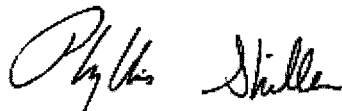
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

February 28, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

February 28, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

02/07/13
02/22/13

Time

11:22
15:47

Laboratory Data

SDG ID: GBD38867
Phoenix ID: BD38871

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203 ECC-AG-SOIL-114-115 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	78		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/22/13	PB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.21	mg/kg	02/26/13	AW	3540C/8082
PCB-1221	ND	0.21	mg/kg	02/26/13	AW	3540C/8082
PCB-1232	ND	0.21	mg/kg	02/26/13	AW	3540C/8082
PCB-1242	ND	0.21	mg/kg	02/26/13	AW	3540C/8082
PCB-1248	*	0.21	mg/kg	02/26/13	AW	3540C/8082
PCB-1254	*	0.21	mg/kg	02/26/13	AW	3540C/8082
PCB-1260	ND	0.21	mg/kg	02/26/13	AW	3540C/8082
PCB-1262	ND	0.21	mg/kg	02/26/13	AW	3540C/8082
PCB-1268	ND	0.21	mg/kg	02/26/13	AW	3540C/8082
Total PCBs	0.48	0.21	mg/kg	02/26/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	82	%	02/26/13	AW	30 - 150 %
% TCMX	81	%	02/26/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD38871

Client ID: 201302061203 ECC-AG-SOIL-114-115 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

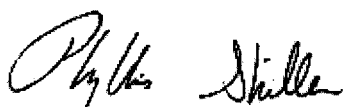
Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1248 and 1254.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

February 28, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

February 28, 2013

QA/QC Data

SDG I.D.: GBD38867

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 221885, QC Sample No: BD38867 (BD38867, BD38868, BD38869, BD38870, BD38871)									
Polychlorinated Biphenyls - Soil									
PCB-1016	ND	55	51	7.5				40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	68	70	2.9				40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	86	86	83	3.6				30 - 150	30
% TCMX (Surrogate Rec)	68	55	48	13.6				30 - 150	30

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference

LCS - Laboratory Control Sample

LCSD - Laboratory Control Sample Duplicate

MS - Matrix Spike

MS Dup - Matrix Spike Duplicate

NC - No Criteria

Intf - Interference

Phyllis Shiller, Laboratory Director

February 28, 2013

Thursday, February 28, 2013
Requested Criteria: None
State: CT

Sample Criteria Exceedences Report

GBD38867 - FOPCBTR

Page 1 of 1

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL	Analysis Units
--------	-------	-----------------	----------	--------	----	----------	----	----------------

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Reasonable Confidence Protocol Laboratory Analysis QA/QC Certification Form

Laboratory Name: Phoenix Environmental Labs, Inc. **Client:** F&OPCBTR

Project Location: CENTRAL HIGH SCHOOL **Project Number:**

Laboratory Sample ID(s): BD38867, BD38868, BD38869, BD38870, BD38871

Sampling Date(s): 2/7/2013

RCP Methods Used:

☐ 1311/1312 ☐ 6010 ☐ 7000 ☐ 7196 ☐ 7470/7471 ☐ 8081 ☐ EPH ☐ TO15
☒ 8082 ☐ 8151 ☐ 8260 ☐ 8270 ☐ ETPH ☐ 9010/9012 ☐ VPH

1.	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1a.	Were the method specified preservation and holding time requirements met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1b.	EPH and VPH methods only: Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA
2.	Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3.	Were samples received at an appropriate temperature (< 6 Degrees C)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
4.	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5a.	Were reporting limits specified or referenced on the chain-of-custody?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5b.	Were these reporting limits met?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA
6.	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
7.	Are project-specific matrix spikes and laboratory duplicates included in the data set?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA

Note: For all questions to which the response was "No" (with the exception of question #5a, #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence".

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized
Signature: _____

R. Makol

Date: Thursday, February 28, 2013

Printed Name: Rashmi Makol

Position: Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

February 28, 2013

SDG LD.: GBD38867

Not all the requested criteria was met due to the presence of target and non target compounds.

PCB Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Au-ecd7 02/26/13-1 (BD38867, BD38868, BD38869, BD38870, BD38871)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner

Position: Chemist

Date: 2/26/2013

QC (Site Specific)

———— Sample No: BD38867, QA/QC Batch: 221885 ————

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

A matrix effect is suspected when a MS/MSD recovery is outside of criteria. No further action is required if LCS/LCSD compounds are within criteria.

Temperature Narration

The samples in this delivery group were received at 6°C.

(Note acceptance criteria is above freezing up to 6°C)



FUSS & O'NEILL
(860) 646-2469 • www.FandO.com

- ☐ 146 Hartford Road, Manchester, CT 06040
☒ 317 Iron Horse Way, Suite 204, Providence, RI 02908
☐ 80 Washington Street, Suite 301, Poughkeepsie, NY

- ☐ 78 Interstate Drive, West Springfield, MA 01089
☐ 317 Iron Horse Way, Suite 204, Providence, RI 02908
☐ 80 Washington Street, Suite 301, Poughkeepsie, NY

CHAIN-OF-CUSTODY RECORD 26996

PROJECT NAME

PROJECT LOCATION

PROJECT NUMBER

LABORATORY

Central High School / Bridgeport, CT
REPORT TO: Kevin McCarthy / Karan Red Field
INVOICE TO:

20110793.A2F

Phoenix

P.O. No.: 20110793.A2F

Sampler's Signature: James Blum Date: 2/13/13

Source Codes:
MW=Monitoring Well T=Treatment Facility S=Soil B=Sediment
SW=Surface Water W=Waste A=Air C=Concrete

X=Other Adjacent ground surfaces (soil, asphalt, concrete)

Item No.	Transfer Check				Sample Number	Source Code	Date Sampled	Time Sampled
	1	2	3	4				
106	✓	✓	✓	✓	-ECC-AG-Soil-106	X	2/7/13	11:04
107	✓	✓	✓	✓	-ECC-AG-Soil-107	X	2/7/13	11:06
108	✓	✓	✓	✓	-ECC-AG-Soil-108	X	2/7/13	11:08
109	✓	✓	✓	✓	-ECC-AG-Soil-109	X	2/7/13	11:10
110	✓	✓	✓	✓	-ECC-AG-Soil-110	X	2/7/13	11:12
111	✓	✓	✓	✓	-ECC-AG-Soil-111	X	2/7/13	11:14
112	✓	✓	✓	✓	-ECC-AG-Soil-112	X	2/7/13	11:16
113	✓	✓	✓	✓	-ECC-AG-Soil-113	X	2/7/13	11:18
114	✓	✓	✓	✓	-ECC-AG-Soil-114	X	2/7/13	11:20
115	✓	✓	✓	✓	-ECC-AG-Soil-115	X	2/7/13	11:22

Analysis Request

Containers	Analysis Request									
	Soil VOA Vol. □ methanol	Glass Soil Container (3) or □ Na ₂ SO ₄	Water VOA Vol. □ As is	Glass Amber () ml □ As is	Plastic - As is □ As is	Plastic - H ₂ SO ₄ □ 250 ml □ 500 ml □ 1000 ml	Plastic - HNO ₃ □ 250 ml □ 500 ml □ 1000 ml	Plastic - NaOH □ 250 ml	Plastic - NaOH □ 250 ml	Comments
38867	✓	✓	✓	✓	✓	✓	✓	✓	✓	Composite
38868	✓	✓	✓	✓	✓	✓	✓	✓	✓	Composite
38869	✓	✓	✓	✓	✓	✓	✓	✓	✓	Composite
38870	✓	✓	✓	✓	✓	✓	✓	✓	✓	Composite
38871	✓	✓	✓	✓	✓	✓	✓	✓	✓	Composite

Transfer Number	Relinquished By	Accepted By	Date	Time
1	J Blum	F to Fridge	2/13/13	9:40
2	F to Fridge	S Blum	2/22/13	10:54
3	S Blum	Ka Leb	2/22/13	10:54
4	Ka Leb		2/22/13	10:54

Charge Exceptions: ☐ CT Tax Exempt ☐ QA/QC ☐ Other _____
_____ Duplicates _____ Blanks (Item Nos: _____)

Reporting and Detection Limit Requirements: ☐ RCP Deliverables ☐ MCP CAM Cert.

Composite As-is < 0.5 ppm

Additional Comments: Composite: ECC-AG-Soil 106 to 107 / Soil 108 to 109
Soil 110 to 111 / Soil 112 to 113 / Soil 114 to 115



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 05, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date Time
02/07/13 11:26
02/22/13 15:47

Laboratory Data

SDG ID: GBD38953
Phoenix ID: BD38963

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201202061203-ECC-AG-SOIL-116-117 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	79		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	BB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1221	ND	0.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1232	ND	0.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1242	ND	0.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1248	ND	0.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1254	ND	0.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1260	ND	0.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1262	ND	0.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1268	ND	0.2	mg/kg	02/28/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	66	%	02/28/13	AW	30 - 150 %
% TCMX	66	%	02/28/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD38963

Client ID: 201202061203-ECC-AG-SOIL-116-117 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

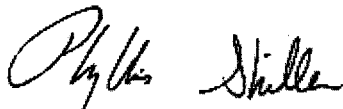
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

March 05, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 05, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date Time
02/07/13 11:30
02/22/13 15:47

Laboratory Data

SDG ID: GBD38953
Phoenix ID: BD38964

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201202061203-ECC-AG-SOIL-118-119 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	81		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	BB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1221	ND	0.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1232	ND	0.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1242	ND	0.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1248	*	0.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1254	*	0.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1260	ND	0.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1262	ND	0.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1268	ND	0.2	mg/kg	02/28/13	AW	3540C/8082
Total PCBs	1.7	0.2	mg/kg	02/28/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	102	%	02/28/13	AW	30 - 150 %
% TCMX	103	%	02/28/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD38964

Client ID: 201202061203-ECC-AG-SOIL-118-119 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

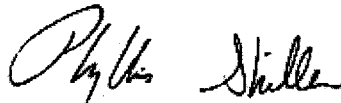
Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1248 and 1254.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

March 05, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 05, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
02/07/13	11:34
02/22/13	15:47

Laboratory Data

SDG ID: GBD38953
Phoenix ID: BD38965

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201202061203-ECC-AG-SOIL-120-121 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	80		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	BB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	2.1	mg/kg	03/01/13	AW	3540C/8082
PCB-1221	ND	2.1	mg/kg	03/01/13	AW	3540C/8082
PCB-1232	ND	2.1	mg/kg	03/01/13	AW	3540C/8082
PCB-1242	ND	2.1	mg/kg	03/01/13	AW	3540C/8082
PCB-1248	7.3	2.1	mg/kg	03/01/13	AW	3540C/8082
PCB-1254	ND	2.1	mg/kg	03/01/13	AW	3540C/8082
PCB-1260	ND	2.1	mg/kg	03/01/13	AW	3540C/8082
PCB-1262	ND	2.1	mg/kg	03/01/13	AW	3540C/8082
PCB-1268	ND	2.1	mg/kg	03/01/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	Diluted Out	%	03/01/13	AW	30 - 150 %
% TCMX	Diluted Out	%	03/01/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD38965

Client ID: 201202061203-ECC-AG-SOIL-120-121 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

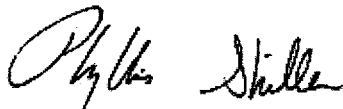
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

March 05, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 05, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
02/07/13	11:38
02/22/13	15:47

Laboratory Data

SDG ID: GBD38953
Phoenix ID: BD38966

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201202061203-ECC-AG-SOIL-122-123 COMP

<u>Parameter</u>	<u>Result</u>	<u>RL/ PQL</u>	<u>Units</u>	<u>Date/Time</u>	<u>By</u>	<u>Reference</u>
Percent Solid	80		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	BB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	2	mg/kg	03/01/13	AW	3540C/8082
PCB-1221	ND	2	mg/kg	03/01/13	AW	3540C/8082
PCB-1232	ND	2	mg/kg	03/01/13	AW	3540C/8082
PCB-1242	ND	2	mg/kg	03/01/13	AW	3540C/8082
PCB-1248	6.4	2	mg/kg	03/01/13	AW	3540C/8082
PCB-1254	ND	2	mg/kg	03/01/13	AW	3540C/8082
PCB-1260	ND	2	mg/kg	03/01/13	AW	3540C/8082
PCB-1262	ND	2	mg/kg	03/01/13	AW	3540C/8082
PCB-1268	ND	2	mg/kg	03/01/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	Diluted Out	%	03/01/13	AW	30 - 150 %
% TCMX	Diluted Out	%	03/01/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD38966

Client ID: 201202061203-ECC-AG-SOIL-122-123 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

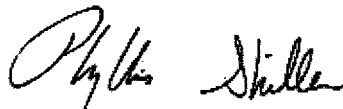
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

March 05, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 05, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date Time
02/07/13 11:42
02/22/13 15:47

Laboratory Data

SDG ID: GBD38953
Phoenix ID: BD38967

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201202061203-ECC-AG-SOIL-124-125 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	82		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/26/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.99	mg/kg	02/28/13	AW	3540C/8082
PCB-1221	ND	0.99	mg/kg	02/28/13	AW	3540C/8082
PCB-1232	ND	0.99	mg/kg	02/28/13	AW	3540C/8082
PCB-1242	ND	0.99	mg/kg	02/28/13	AW	3540C/8082
PCB-1248	7.2	0.99	mg/kg	02/28/13	AW	3540C/8082
PCB-1254	ND	0.99	mg/kg	02/28/13	AW	3540C/8082
PCB-1260	ND	0.99	mg/kg	02/28/13	AW	3540C/8082
PCB-1262	ND	0.99	mg/kg	02/28/13	AW	3540C/8082
PCB-1268	ND	0.99	mg/kg	02/28/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	84	%	02/28/13	AW	30 - 150 %
% TCMX	98	%	02/28/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD38967

Client ID: 201202061203-ECC-AG-SOIL-124-125 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

March 05, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

March 05, 2013

QA/QC Data

SDG I.D.: GBD38953

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 222024, QC Sample No: BD38959 (BD38953, BD38954, BD38955, BD38956, BD38957, BD38958, BD38959, BD38960, BD38961)									
Polychlorinated Biphenyls - Solid									
PCB-1016	ND	74	75	1.3				40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	69	67	2.9				40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	70	73	78	6.6				30 - 150	30
% TCMX (Surrogate Rec)	66	72	72	0.0				30 - 150	30

Comment:

* For PCBs, MS and MSD could not be reported due to PCB in the un-spiked sample.

QA/QC Batch 222035, QC Sample No: BD38966 (BD38962, BD38963, BD38964, BD38965, BD38966, BD38967)

Polychlorinated Biphenyls - Solid

PCB-1016	ND	79	80	1.3				40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	80	82	2.5				40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	72	70	73	4.2				30 - 150	30
% TCMX (Surrogate Rec)	73	70	74	5.6				30 - 150	30

Comment:

* For PCBs, MS and MSD could not be reported due to PCB in the un-spiked sample.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference

LCS - Laboratory Control Sample

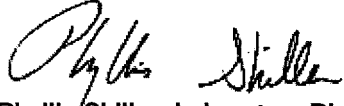
LCSD - Laboratory Control Sample Duplicate

MS - Matrix Spike

MS Dup - Matrix Spike Duplicate

NC - No Criteria

Intf - Interference


Phyllis Shiller, Laboratory Director
March 05, 2013

Tuesday, March 05, 2013

Requested Criteria: None

State: CT

Sample Criteria Exceedences Report

GBD38953 - FOPCBTR

Page 1 of 1

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL	Analysis Units
--------	-------	-----------------	----------	--------	----	----------	----	----------------

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Reasonable Confidence Protocol Laboratory Analysis QA/QC Certification Form

Laboratory Name: Phoenix Environmental Labs, Inc. **Client:** F&OPCBTR

Project Location: CENTRAL HIGH SCHOOL **Project Number:**

Laboratory Sample ID(s): BD38953, BD38954, BD38955, BD38956, BD38957, BD38958, BD38959, BD38960, BD38961, BD38962, BD38963, BD38964, BD38965, BD38966, BD38967

Sampling Date(s): 2/7/2013

RCP Methods Used:

☐ 1311/1312 ☐ 6010 ☐ 7000 ☐ 7196 ☐ 7470/7471 ☐ 8081 ☐ EPH ☐ TO15
☒ 8082 ☐ 8151 ☐ 8260 ☐ 8270 ☐ ETPH ☐ 9010/9012 ☐ VPH

1.	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1a.	Were the method specified preservation and holding time requirements met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1b.	EPH and VPH methods only: Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA
2.	Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3.	Were samples received at an appropriate temperature (< 6 Degrees C)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
4.	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5a.	Were reporting limits specified or referenced on the chain-of-custody?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5b.	Were these reporting limits met?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA
6.	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
7.	Are project-specific matrix spikes and laboratory duplicates included in the data set?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA

Note: For all questions to which the response was "No" (with the exception of question #5a, #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence".

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized
Signature: _____

Ramakol

Date: Tuesday, March 05, 2013

Printed Name: Rashmi Makol

Position: Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045

Tel. (860) 645-1102

Fax (860) 645-0823



RCP Certification Report

March 05, 2013

SDG I.D.: GBD38953

Not all requested reporting levels were achieved due to the presence of target and non target compounds.

PCB Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Au-ecd8 02/28/13-1 (BD38953, BD38954, BD38963, BD38964, BD38967)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner

Position: Chemist

Date: 2/28/2013

Instrument: Au-ecd8 03/01/13-1 (BD38965, BD38966)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner

Position: Chemist

Date: 3/1/2013

QC Comments: QC Batch 222024 02/25/13 (BD38953, BD38954, BD38955, BD38956, BD38957, BD38958, BD38959, BD38960, BD38961)

* For PCBs, MS and MSD could not be reported due to PCB in the un-spiked sample.

QC Comments: QC Batch 222035 02/25/13 (BD38962, BD38963, BD38964, BD38965, BD38966, BD38967)

* For PCBs, MS and MSD could not be reported due to PCB in the un-spiked sample.



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

March 05, 2013

SDG I.D.: GBD38953

QC (Site Specific)

———— Sample No: BD38959, QA/QC Batch: 222024 ————

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

———— Sample No: BD38966, QA/QC Batch: 222035 ————

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

A matrix effect is suspected when a MS/MSD recovery is outside of criteria. No further action is required if LCS/LCSD compounds are within criteria.

Temperature Narration

The samples in this delivery group were received at 6°C.
(Note acceptance criteria is above freezing up to 6°C)



FUSS & O'NEILL

(860) 646-2469 • www.FussO.com

- ☐ 146 Hartford Road, Manchester, CT 06040
☒ 317 Iron Horse Way, Suite 204, Providence, RI 02908
☐ 80 Washington Street, Suite 301, Poughkeepsie, NY

- ☐ 78 Interstate Drive, West Springfield, MA 01089
☐ 317 Iron Horse Way, Suite 204, Providence, RI 02908
☐ 80 Washington Street, Suite 301, Poughkeepsie, NY

CHAIN-OF-CUSTODY RECORD 26995

PROJECT NAME

PROJECT LOCATION

PROJECT NUMBER

LABORATORY

Central High School
REPORT TO: Kevin McCarthy / Karm Redfield
INVOICE TO:

Bridgeport CT

20110793A2F

Phoenix

P.O. No.: 20110793-A2F

Sampler's Signature: *James Han*

Date: 2/13/13

Source Codes:

MW=Monitoring Well PW=Potable Water T=Treatment Facility S=Soil B=Sediment

SW=Surface Water ST=Stormwater W=Waste A=Air C=Concrete

X=Other

Adjacent grand surfaces (soil, asphalt, concrete)

Item No.	Transfer Check				Sample Number	Source Code	Date Sampled	Time Sampled
	1	2	3	4				
116	✓	✓	✓	✓	-ECC-A6-Soil-116	X	2/2/13	11:34
117	✓	✓	✓	✓	-ECC-A6-Soil-117	X	2/2/13	11:26
118	✓	✓	✓	✓	-ECC-A6-Soil-118	X	2/7/13	11:28
119	✓	✓	✓	✓	-ECC-A6-Soil-119	X	2/7/13	11:30
120	✓	✓	✓	✓	-ECC-A6-Soil-120	X	2/7/13	11:32
121	✓	✓	✓	✓	-ECC-A6-Soil-121	X	2/7/13	11:34
122	✓	✓	✓	✓	-ECC-A6-Soil-122	X	2/7/13	11:36
123	✓	✓	✓	✓	-ECC-A6-Soil-123	X	2/7/13	11:38
124	✓	✓	✓	✓	-ECC-A6-Soil-124	X	2/7/13	11:40
125	✓	✓	✓	✓	-ECC-A6-Soil-125	X	2/7/13	11:42

Analysis Request

Containers

Soil VOA Vol. □ water	Other	Water VOA Vol. □ As is	Plastic - Amber () ml □ As is	Plastic - H ₂ SO ₄ □ 250 ml □ 500 ml □ 1000 ml	Plastic - NaOH, 250 ml	Comments
Soil VOA Vol. □ methanol	Other	Water VOA Vol. □ As is	Plastic - Amber () ml □ As is	Plastic - H ₂ SO ₄ □ 250 ml □ 500 ml □ 1000 ml	Plastic - NaOH, 250 ml	Composite
Soil VOA Vol. □ water	Other	Water VOA Vol. □ As is	Plastic - Amber () ml □ As is	Plastic - H ₂ SO ₄ □ 250 ml □ 500 ml □ 1000 ml	Plastic - NaOH, 250 ml	Composite
Soil VOA Vol. □ methanol	Other	Water VOA Vol. □ As is	Plastic - Amber () ml □ As is	Plastic - H ₂ SO ₄ □ 250 ml □ 500 ml □ 1000 ml	Plastic - NaOH, 250 ml	Composite
Soil VOA Vol. □ water	Other	Water VOA Vol. □ As is	Plastic - Amber () ml □ As is	Plastic - H ₂ SO ₄ □ 250 ml □ 500 ml □ 1000 ml	Plastic - NaOH, 250 ml	Composite
Soil VOA Vol. □ methanol	Other	Water VOA Vol. □ As is	Plastic - Amber () ml □ As is	Plastic - H ₂ SO ₄ □ 250 ml □ 500 ml □ 1000 ml	Plastic - NaOH, 250 ml	Composite
Soil VOA Vol. □ water	Other	Water VOA Vol. □ As is	Plastic - Amber () ml □ As is	Plastic - H ₂ SO ₄ □ 250 ml □ 500 ml □ 1000 ml	Plastic - NaOH, 250 ml	Composite
Soil VOA Vol. □ methanol	Other	Water VOA Vol. □ As is	Plastic - Amber () ml □ As is	Plastic - H ₂ SO ₄ □ 250 ml □ 500 ml □ 1000 ml	Plastic - NaOH, 250 ml	Composite

Transfer Number

Relinquished By

Accepted By

Date

Charge Exceptions: ☐ CT Tax Exempt ☐ QA/QC ☐ Other ()

Duplicates (Item Nos.)

Blanks (Item Nos.)

1

J Blum

F&O Fridge

2/12/13

9:45

2

F&O Fridge

S Blum

2/22/13

10:50

3

S Blum

Kaleb G.

2/22/13

10:50

4

Kaleb G.

2/22/13

10:50

Additional Comments: Composite: ECC-A6-Soil-116 to 117 / Soil 118 to 119 / Soil 120 to 121 / Soil 122 to 123 / Soil 124 to 125

Reporting and Detection Limit Requirements: ☐ RCP Deliverables ☐ MCP CAM Cert.

Composite samples < 0.5 ppm



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 04, 2013

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: JB
Received by: LB
Analyzed by: see "By" below

Date Time
02/07/13 11:46
02/22/13 15:47

Laboratory Data

SDG ID: GBD38942
Phoenix ID: BD38942

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203 ECC-AG SOIL 126-127

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	79		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	PB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	9.4	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	1	mg/kg	02/27/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	91	%	02/27/13	AW	30 - 150 %
% TCMX	112	%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203 ECC-AG SOIL 126-127

Phoenix I.D.: BD38942

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

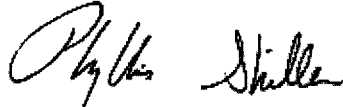
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

March 04, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 04, 2013

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: JB
Received by: LB
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
02/07/13	11:50
02/22/13	15:47

Laboratory Data

SDG ID: GBD38942
Phoenix ID: BD38943

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203 ECC-AG SOIL 128-129

<u>Parameter</u>	<u>Result</u>	<u>RL/ PQL</u>	<u>Units</u>	<u>Date/Time</u>	<u>By</u>	<u>Reference</u>
Percent Solid	78		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	PB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	1	mg/kg	02/28/13	AW	3540C/8082
PCB-1221	ND	1	mg/kg	02/28/13	AW	3540C/8082
PCB-1232	ND	1	mg/kg	02/28/13	AW	3540C/8082
PCB-1242	ND	1	mg/kg	02/28/13	AW	3540C/8082
PCB-1248	4.4	1	mg/kg	02/28/13	AW	3540C/8082
PCB-1254	ND	1	mg/kg	02/28/13	AW	3540C/8082
PCB-1260	ND	1	mg/kg	02/28/13	AW	3540C/8082
PCB-1262	ND	1	mg/kg	02/28/13	AW	3540C/8082
PCB-1268	ND	1	mg/kg	02/28/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	76	%	02/28/13	AW	30 - 150 %
% TCMX	104	%	02/28/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203 ECC-AG SOIL 128-129

Phoenix I.D.: BD38943

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

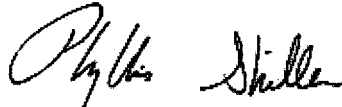
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

March 04, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 04, 2013

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: JB
Received by: LB
Analyzed by: see "By" below

Date Time
02/07/13 11:54
02/22/13 15:47

Laboratory Data

SDG ID: GBD38942
Phoenix ID: BD38944

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203 ECC-AG SOIL 130-131

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	76		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	PB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	2.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1221	ND	2.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1232	ND	2.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1242	ND	2.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1248	6.9	2.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1254	ND	2.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1260	ND	2.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1262	ND	2.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1268	ND	2.2	mg/kg	02/28/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	Diluted Out	%	02/28/13	AW	30 - 150 %
% TCMX	Diluted Out	%	02/28/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203 ECC-AG SOIL 130-131

Phoenix I.D.: BD38944

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

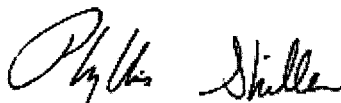
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

March 04, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 04, 2013

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: JB
Received by: LB
Analyzed by: see "By" below

Date Time

02/07/13 11:58
02/22/13 15:47

Laboratory Data

SDG ID: GBD38942
Phoenix ID: BD38945

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203 ECC-AG SOIL 132-133

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	78		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	PB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	8.2	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	1	mg/kg	02/27/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	80	%	02/27/13	AW	30 - 150 %
% TCMX	91	%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203 ECC-AG SOIL 132-133

Phoenix I.D.: BD38945

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

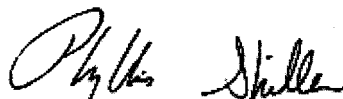
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

March 04, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 04, 2013

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: JB
Received by: LB
Analyzed by: see "By" below

Date Time
02/07/13 12:30
02/22/13 15:47

Laboratory Data

SDG ID: GBD38942
Phoenix ID: BD38946

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203 ECC-AG SOIL 134-135

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	77		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	PB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	10	mg/kg	02/28/13	AW	3540C/8082
PCB-1221	ND	10	mg/kg	02/28/13	AW	3540C/8082
PCB-1232	ND	10	mg/kg	02/28/13	AW	3540C/8082
PCB-1242	ND	10	mg/kg	02/28/13	AW	3540C/8082
PCB-1248	34	10	mg/kg	02/28/13	AW	3540C/8082
PCB-1254	ND	10	mg/kg	02/28/13	AW	3540C/8082
PCB-1260	ND	10	mg/kg	02/28/13	AW	3540C/8082
PCB-1262	ND	10	mg/kg	02/28/13	AW	3540C/8082
PCB-1268	ND	10	mg/kg	02/28/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	Diluted Out	%	02/28/13	AW	30 - 150 %
% TCMX	Diluted Out	%	02/28/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203 ECC-AG SOIL 134-135

Phoenix I.D.: BD38946

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------


RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

March 04, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



FUSS & O'NEILL
(860) 646-2469 • www.FandO.com

- ☐ 146 Hartford Road, Manchester, CT 06040
☒ 36 Quarry Road, Trumbull, CT 06611
☐ 1419 Richland Street, Columbia, SC 29201

- ☐ 78 Interstate Drive, West Springfield, MA 01089
☐ 317 Iron Horse Way, Suite 204, Providence, RI 02908
☐ 80 Washington Street, Suite 301, Poughkeepsie, NY

CHAIN-OF-CUSTODY RECORD 26994

PROJECT NAME

PROJECT LOCATION

PROJECT NUMBER

LABORATORY

Central High School / Bridgeport CT
REPORT TO: Kevin McCarthy / Karan Reed Field
INVOICE TO:

20110793.A2E

Phoenix

P.O. No.: 20110793.A2E

Date: 2/13/13

Sampler's Signature: *Jane Blum*

Source Codes:
MW=Monitoring Well PW=Portable Water T=Treatment Facility S=Soil B=Sediment
SW=Surface Water ST=Stormwater W=Waste A=Air C=Concrete
X=Other Adjacent ground surfaces (Soil, asphalt, concrete)

Item No.	Transfer Check				Sample Number	Source Code	Date Sampled	Time Sampled
	1	2	3	4				
126	✓	✓			-ECU-A6-Soil-126	X	2/7/13	11:44
127	✓	✓			-ECU-A6-Soil-127	X	2/7/13	11:46
128	✓	✓			-ECU-A6-Soil-128	X	2/7/13	11:48
129	✓	✓			-ECU-A6-Soil-129	X	2/7/13	11:50
130	✓	✓			-ECU-A6-Soil-130	X	2/7/13	11:52
131	✓	✓			-ECU-A6-Soil-131	X	2/7/13	11:54
132	✓	✓			-ECU-A6-Soil-132	X	2/7/13	11:56
133	✓	✓			-ECU-A6-Soil-133	X	2/7/13	11:58
134	✓	✓			-ECU-A6-Soil-134	X	2/7/13	12:00
135	✓	✓			-ECU-A6-Soil-135	X	2/7/13	12:30

Analysis Request

Containers

Soil VOA Vol. □ methanol □ NaOH	Soil VOA Vol. □ water □ NaOH	Other	Water VOA Vol. □ As is □ HCl	Glass Amber () ml □ As is □ HCl	Plastic - H ₂ SO ₄ □ 250 ml □ 500 ml □ 1000 ml	Plastic - HNO ₃ □ 250 ml □ 500 ml □ 1000 ml	Plastic - NaOH □ 250 ml □ 500 ml □ 1000 ml	Comments
								Composite
								Composite
								Composite
								Composite
								Composite
								Composite

Transfer Number	Relinquished By	Accepted By	Date	Time	Charge Exceptions: □ CT Tax Exempt □ QA/QC □ Other
1	J Blum	F to Fridge	2/13/13	9:45	
2	F to Fridge	J Blum	2/22/13	10:52	
3	J Blum	K9125 G	2/22/13	10:52	
4	K9125 G	J Blum	2/22/13	10:52	

Reporting and Detection Limit Requirements: □ RCP Deliverables □ MCP CAM Cert.

Composite samples < 0.5 ppm

Additional Comments: Composite; ECU-A6-Soil-126 to 127 / Soil-128 to 129
Soil-130 to 131 / Soil-132 to 133 / Soil-134 to 135



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 01, 2013

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: JB
Received by: LB
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
02/06/13	12:34
02/22/13	15:47

Laboratory Data

SDG ID: GBD38912
Phoenix ID: BD38917

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203 ECC-AG-SOIL 136-137

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	74		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	PB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	1.1	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	1.1	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	1.1	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	1.1	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	7.4	1.1	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	ND	1.1	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	1.1	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	1.1	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	1.1	mg/kg	02/27/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	69	%	02/27/13	AW	30 - 150 %
% TCMX	92	%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203 ECC-AG-SOIL 136-137

Phoenix I.D.: BD38917

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

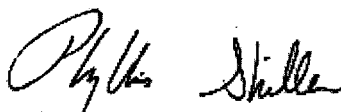
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

March 01, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 01, 2013

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: JB
Received by: LB
Analyzed by: see "By" below

Date

02/06/13
02/22/13

Time

12:38
15:47

Laboratory Data

SDG ID: GBD38912
Phoenix ID: BD38918

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203 ECC-AG-SOIL 138-139

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	76		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	PB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.21	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	0.21	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	0.21	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	0.21	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	*	0.21	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	*	0.21	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	0.21	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	0.21	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	0.21	mg/kg	02/27/13	AW	3540C/8082
Total PCBs	1.3	0.21	mg/kg	02/27/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	80	%	02/27/13	AW	30 - 150 %
% TCMX	81	%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203 ECC-AG-SOIL 138-139

Phoenix I.D.: BD38918

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1248 and 1254.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

March 01, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 01, 2013

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: JB
Received by: LB
Analyzed by: see "By" below

Date

02/06/13
02/22/13

Time

12:42
15:47

Laboratory Data

SDG ID: GBD38912
Phoenix ID: BD38919

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203 ECC-AG-SOIL 140-141

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	75		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	PB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.22	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	0.22	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	0.22	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	0.22	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	*	0.22	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	*	0.22	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	0.22	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	0.22	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	0.22	mg/kg	02/27/13	AW	3540C/8082
Total PCBs	0.59	0.22	mg/kg	02/27/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	87	%	02/27/13	AW	30 - 150 %
% TCMX	73	%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203 ECC-AG-SOIL 140-141

Phoenix I.D.: BD38919

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

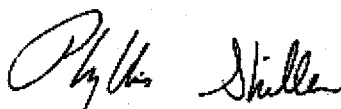
Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1248 and 1254.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

March 01, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 01, 2013

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: JB
Received by: LB
Analyzed by: see "By" below

Date

Time

02/06/13 12:46
02/22/13 15:47

Laboratory Data

SDG ID: GBD38912
Phoenix ID: BD38920

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203 ECC-AG-BRICK 142-143

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	94		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	PB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.18	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	0.18	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	0.18	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	0.18	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	ND	0.18	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	ND	0.18	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	0.18	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	0.18	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	0.18	mg/kg	02/27/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	82	%	02/27/13	AW	30 - 150 %
% TCMX	73	%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203 ECC-AG-BRICK 142-143

Phoenix I.D.: BD38920

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------


RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

March 01, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 01, 2013

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: JB
Received by: LB
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
02/06/13	12:50
02/22/13	15:47

Laboratory Data

SDG ID: GBD38912
Phoenix ID: BD38921

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203 ECC-AG-BRICK 144-145

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	95		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	PB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	0.17	mg/kg	02/27/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	77	%	02/27/13	AW	30 - 150 %
% TCMX	68	%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203 ECC-AG-BRICK 144-145

Phoenix I.D.: BD38921

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

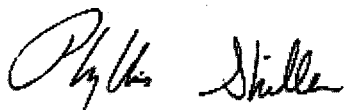
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

March 01, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

March 01, 2013

QA/QC Data

SDG I.D.: GBD38912

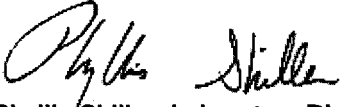
Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 222006, QC Sample No: BD38922 (BD38912, BD38913, BD38914, BD38915, BD38916, BD38917, BD38918, BD38919, BD38920, BD38921)									
Polychlorinated Biphenyls - Solid, Soil									
PCB-1016	ND	80	84	4.9				40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	78	80	2.5				40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	70	72	77	6.7				30 - 150	30
% TCMX (Surrogate Rec)	75	78	83	6.2				30 - 150	30

Comment:

* For PCBs, MS and MSD could not be reported due to PCB in the un-spiked sample.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference


Phyllis Shiller, Laboratory Director
March 01, 2013

Friday, March 01, 2013

Requested Criteria: None

State: CT

SampNo Acode Phoenix Analyte

Criteria

Result

RL

Criteria

RL Analysis
Criteria Units

Sample Criteria Exceedences Report

GBD38912 - FOPCBTR

Page 1 of 1

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Reasonable Confidence Protocol Laboratory Analysis QA/QC Certification Form

Laboratory Name: Phoenix Environmental Labs, Inc. **Client:** F&OPCBTR

Project Location: CENTRAL HIGH SCHOOL **Project Number:**

Laboratory Sample ID(s): BD38912, BD38913, BD38914, BD38915, BD38916, BD38917, BD38918, BD38919, BD38920, BD38921

Sampling Date(s): 2/6/2013

RCP Methods Used:

☐ 1311/1312 ☐ 6010 ☐ 7000 ☐ 7196 ☐ 7470/7471 ☐ 8081 ☐ EPH ☐ TO15
☒ 8082 ☐ 8151 ☐ 8260 ☐ 8270 ☐ ETPH ☐ 9010/9012 ☐ VPH

1.	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1a.	Were the method specified preservation and holding time requirements met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1b.	EPH and VPH methods only: Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA
2.	Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3.	Were samples received at an appropriate temperature (< 6 Degrees C)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
4.	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5a.	Were reporting limits specified or referenced on the chain-of-custody?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5b.	Were these reporting limits met?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA
6.	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
7.	Are project-specific matrix spikes and laboratory duplicates included in the data set?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA

Note: For all questions to which the response was "No" (with the exception of question #5a, #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence".

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized
Signature:



Date: Friday, March 01, 2013

Printed Name: Rashmi Makol

Position: Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

March 01, 2013

SDG I.D.: GBD38912

Not all requested reporting levels were achieved due to the presence of target and non target compounds.

PCB Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Au-eed5 02/27/13-1 (BD38912, BD38913, BD38914, BD38915, BD38916, BD38917, BD38918, BD38919, BD38920, BD38921)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner

Position: Chemist

Date: 2/27/2013

QC Comments: QC Batch 222006 02/25/13 (BD38912, BD38913, BD38914, BD38915, BD38916, BD38917, BD38918, BD38919, BD38920, BD38921)

* For PCBs, MS and MSD could not be reported due to PCB in the un-spiked sample.

QC (Batch Specific)

———— Sample No: BD38922, QA/QC Batch: 222006 ————

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

Temperature Narration

The samples were received at 6C with cooling initiated.

(Note acceptance criteria is above freezing up to 6°C)



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

March 01, 2013

SDG I.D.: GBD38912



FUSS & O'NEILL

(860) 646-2469 • www.FandO.com

- ☐ 146 Hartford Road, Manchester, CT 06040
☒ 36 Quarry Road, Trumbull, CT 06611
☐ 1419 Richland Street, Columbia, SC 29201

- ☐ 78 Interstate Drive, West Springfield, MA 01089
☐ 317 Iron Horse Way, Suite 204, Providence, RI 02908
☐ 80 Washington Street, Suite 301, Poughkeepsie, NY

☐ Other

6/21/13

CHAIN-OF-CUSTODY RECORD

26985

☐ 24-Hour* ☐ 72-Hour* ☐ Other _____ (days)
☐ 48-Hour* ☒ Standard (5 days) *Surcharge Applies

PROJECT NAME

PROJECT LOCATION

PROJECT NUMBER

LABORATORY

Central High School Bridge Port, CT
REPORT TO: Kevin McCarthy/Karman Keel Field.
INVOICE TO:

Analysis Request

20110793.A2E

Phoenix Containers

P.O. NO.: 20110793.A2E

Sampler's Signature: *Kevin McCarthy*

Date: 2/13/13

Source Codes:

PW=Potable Water

SW=Surface Water

ST=Stormwater

T=Treatment Facility

W=Waste

A=Air

S=Soil

B=Sediment

C=Concrete

X=Other Adjacent ground Surfaces (Soil, asphalt, concrete, brick)

Transfer Check

1 2 3 4

Item No.

Sample Number

Date Sampled

Source Code

Time Sampled

Comments

Plastic - H₂SO₄, 250 ml

Plastic - HNO₃, 250 ml

Plastic - As₂S₃, 250 ml

Plastic - As₂S₃, 250 ml

Plastic - As₂S₃, 250 ml

Plastic - As₂S₃, 250 ml

Plastic - As₂S₃, 250 ml

Plastic - As₂S₃, 250 ml

Plastic - As₂S₃, 250 ml

Plastic - As₂S₃, 250 ml

Plastic - As₂S₃, 250 ml

Plastic - As₂S₃, 250 ml

Plastic - As₂S₃, 250 ml

Plastic - As₂S₃, 250 ml

Plastic - As₂S₃, 250 ml

Plastic - As₂S₃, 250 ml

Plastic - As₂S₃, 250 ml

Plastic - As₂S₃, 250 ml

Plastic - As₂S₃, 250 ml

Plastic - As₂S₃, 250 ml

Plastic - As₂S₃, 250 ml

Plastic - As₂S₃, 250 ml

Plastic - As₂S₃, 250 ml

Plastic - As₂S₃, 250 ml

Plastic - As₂S₃, 250 ml

Plastic - As₂S₃, 250 ml

Plastic - As₂S₃, 250 ml

Plastic - As₂S₃, 250 ml

Plastic - As₂S₃, 250 ml

Plastic - As₂S₃, 250 ml

Plastic - As₂S₃, 250 ml

Plastic - As₂S₃, 250 ml

Plastic - As₂S₃, 250 ml

Plastic - As₂S₃, 250 ml

Plastic - As₂S₃, 250 ml



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 04, 2013

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: JB
Received by: LB
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
02/07/13	12:54
02/22/13	15:47

Laboratory Data

SDG ID: GBD38942
Phoenix ID: BD38947

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203 ECC-AG BRICK 146-147

<u>Parameter</u>	<u>Result</u>	<u>RL/ PQL</u>	<u>Units</u>	<u>Date/Time</u>	<u>By</u>	<u>Reference</u>
Percent Solid	94		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	PB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.18	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	0.18	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	0.18	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	0.18	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	ND	0.18	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	ND	0.18	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	0.18	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	0.18	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	0.18	mg/kg	02/27/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	93	%	02/27/13	AW	30 - 150 %
% TCMX	85	%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203 ECC-AG BRICK 146-147

Phoenix I.D.: BD38947

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

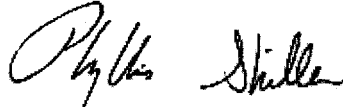
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

March 04, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 04, 2013

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: JB
Received by: LB
Analyzed by: see "By" below

Date

02/07/13
02/22/13

Time

12:58
15:47

Laboratory Data

SDG ID: GBD38942
Phoenix ID: BD38948

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203 ECC-AG BRICK 148-149

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	94		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	PB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	0.17	mg/kg	02/27/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	72	%	02/27/13	AW	30 - 150 %
% TCMX	68	%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203 ECC-AG BRICK 148-149

Phoenix I.D.: BD38948

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

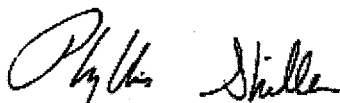
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

March 04, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 04, 2013

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: JB
Received by: LB
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
02/07/13	13:02
02/22/13	15:47

Laboratory Data

SDG ID: GBD38942
Phoenix ID: BD38949

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203 ECC-AG BRICK 150-151

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	94		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	PB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.18	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	0.18	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	0.18	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	0.18	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	ND	0.18	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	ND	0.18	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	0.18	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	0.18	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	0.18	mg/kg	02/27/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	90	%	02/27/13	AW	30 - 150 %
% TCMX	72	%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203 ECC-AG BRICK 150-151

Phoenix I.D.: BD38949

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

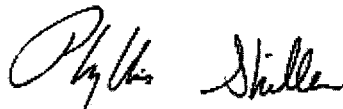
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

March 04, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 04, 2013

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: JB
Received by: LB
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
02/07/13	13:04
02/22/13	15:47

Laboratory Data

SDG ID: GBD38942
Phoenix ID: BD38950

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203 ECC-AG SOIL 152

<u>Parameter</u>	<u>Result</u>	<u>RL/ PQL</u>	<u>Units</u>	<u>Date/Time</u>	<u>By</u>	<u>Reference</u>
Percent Solid	95		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	PB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.34	mg/kg	02/26/13	AW	3540C/8082
PCB-1221	ND	0.34	mg/kg	02/26/13	AW	3540C/8082
PCB-1232	ND	0.34	mg/kg	02/26/13	AW	3540C/8082
PCB-1242	ND	0.34	mg/kg	02/26/13	AW	3540C/8082
PCB-1248	ND	0.34	mg/kg	02/26/13	AW	3540C/8082
PCB-1254	ND	0.34	mg/kg	02/26/13	AW	3540C/8082
PCB-1260	ND	0.34	mg/kg	02/26/13	AW	3540C/8082
PCB-1262	ND	0.34	mg/kg	02/26/13	AW	3540C/8082
PCB-1268	ND	0.34	mg/kg	02/26/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	78	%	02/26/13	AW	30 - 150 %
% TCMX	69	%	02/26/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203 ECC-AG SOIL 152

Phoenix I.D.: BD38950

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

March 04, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 04, 2013

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: JB
Received by: LB
Analyzed by: see "By" below

Date	Time
02/07/13	13:06
02/22/13	15:47

Laboratory Data

SDG ID: GBD38942
Phoenix ID: BD38951

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203 ECC-AG SOIL 153-154

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	75		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	PB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.22	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	0.22	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	0.22	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	0.22	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	ND	0.22	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	ND	0.22	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	0.22	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	0.22	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	0.22	mg/kg	02/27/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	82	%	02/27/13	AW	30 - 150 %
% TCMX	88	%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD38951

Client ID: 201302061203 ECC-AG SOIL 153-154

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

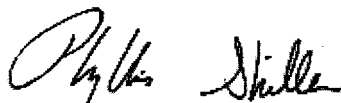
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

March 04, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 04, 2013

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: JB
Received by: LB
Analyzed by: see "By" below

Date

02/07/13
02/22/13

Time

13:10
15:47

Laboratory Data

SDG ID: GBD38942
Phoenix ID: BD38952

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203 ECC-AG SOIL 155

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	76		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	PB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.43	mg/kg	02/26/13	AW	3540C/8082
PCB-1221	ND	0.43	mg/kg	02/26/13	AW	3540C/8082
PCB-1232	ND	0.43	mg/kg	02/26/13	AW	3540C/8082
PCB-1242	ND	0.43	mg/kg	02/26/13	AW	3540C/8082
PCB-1248	ND	0.43	mg/kg	02/26/13	AW	3540C/8082
PCB-1254	ND	0.43	mg/kg	02/26/13	AW	3540C/8082
PCB-1260	ND	0.43	mg/kg	02/26/13	AW	3540C/8082
PCB-1262	ND	0.43	mg/kg	02/26/13	AW	3540C/8082
PCB-1268	ND	0.43	mg/kg	02/26/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	74	%	02/26/13	AW	30 - 150 %
% TCMX	82	%	02/26/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203 ECC-AG SOIL 155

Phoenix I.D.: BD38952

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

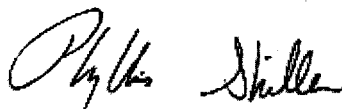
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

March 04, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

March 04, 2013

QA/QC Data

SDG I.D.: GBD38942

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 222024, QC Sample No: BD38959 (BD38942, BD38943, BD38944, BD38945, BD38946, BD38947, BD38948, BD38949, BD38950, BD38951, BD38952)									
Polychlorinated Biphenyls - Solid, Soil									
PCB-1016	ND	74	75	1.3				40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	69	67	2.9				40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	70	73	78	6.6				30 - 150	30
% TCMX (Surrogate Rec)	66	72	72	0.0				30 - 150	30

Comment:

* For PCBs, MS and MSD could not be reported due to PCB in the un-spiked sample.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference

LCS - Laboratory Control Sample

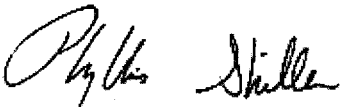
LCSD - Laboratory Control Sample Duplicate

MS - Matrix Spike

MS Dup - Matrix Spike Duplicate

NC - No Criteria

Intf - Interference


Phyllis Shiller, Laboratory Director
March 04, 2013

Monday, March 04, 2013
Requested Criteria: None
State: CT

Sample Criteria Exceedences Report

GBD38942 - FOPCBTR

Page 1 of 1

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL	Analysis Units
--------	-------	-----------------	----------	--------	----	----------	----	----------------

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Reasonable Confidence Protocol Laboratory Analysis QA/QC Certification Form

Laboratory Name: Phoenix Environmental Labs, Inc. **Client:** F&OPCBTR

Project Location: CENTRAL HIGH SCHOOL **Project Number:**

Laboratory Sample ID(s): BD38942, BD38943, BD38944, BD38945, BD38946, BD38947, BD38948, BD38949, BD38950, BD38951, BD38952

Sampling Date(s): 2/7/2013

RCP Methods Used:

☐ 1311/1312 ☐ 6010 ☐ 7000 ☐ 7196 ☐ 7470/7471 ☐ 8081 ☐ EPH ☐ TO15
☒ 8082 ☐ 8151 ☐ 8260 ☐ 8270 ☐ ETPH ☐ 9010/9012 ☐ VPH

1.	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1a.	Were the method specified preservation and holding time requirements met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1b.	EPH and VPH methods only: Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA
2.	Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3.	Were samples received at an appropriate temperature (< 6 Degrees C)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
4.	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5a.	Were reporting limits specified or referenced on the chain-of-custody?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5b.	Were these reporting limits met?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA
6.	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
7.	Are project-specific matrix spikes and laboratory duplicates included in the data set?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA

Note: For all questions to which the response was "No" (with the exception of question #5a, #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence".

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized
Signature:



Date: Monday, March 04, 2013

Printed Name: Rashmi Makol

Position: Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

March 04, 2013

SDG I.D.: GBD38942

Not all requested reporting levels were achieved due to the presence of target and non target compounds.

PCB Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Au-ecd1 02/26/13-1 (BD38950)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner

Position: Chemist

Date: 2/26/2013

Instrument: Au-ecd5 02/27/13-1 (BD38942, BD38945, BD38947, BD38948)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner

Position: Chemist

Date: 2/27/2013

Instrument: Au-ecd8 02/28/13-1 (BD38943, BD38944, BD38946)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner

Position: Chemist

Date: 2/28/2013

QC Comments: QC Batch 222024 02/25/13 (BD38942, BD38943, BD38944, BD38945, BD38946, BD38947, BD38948, BD38949, BD38950, BD38951, BD38952)



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

March 04, 2013

SDG I.D.: GBD38942

* For PCBs, MS and MSD could not be reported due to PCB in the un-spiked sample.

QC (Batch Specific)

———— Sample No: BD38959, QA/QC Batch: 222024 ————

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

Temperature Narration

The samples were received at 6C with cooling initiated.
(Note acceptance criteria is above freezing up to 6°C)



FUSS & O'NEILL

(860) 646-2469 • www.FusO.com

- ☐ 146 Hartford Road, Manchester, CT 06040
☒ 317 Iron Horse Way, Suite 204, Providence, RI 02908
☐ 80 Washington Street, Suite 301, Poughkeepsie, NY

- ☐ 78 Interstate Drive, West Springfield, MA 01089
☐ 317 Iron Horse Way, Suite 204, Providence, RI 02908
☐ 80 Washington Street, Suite 301, Poughkeepsie, NY

CHAIN-OF-CUSTODY RECORD 26993

PROJECT NAME

Central High School / Bridge Port, CT
REPORT TO: Kevin Mc Carthy / Karen Redfield

INVOICE TO:

P.O. No: 20110793.A2E

Sampler's Signature:

Rand Blum

Date: 2/13/13

Source Codes:

MW=Monitoring Well PW=Potable Water T=Treatment Facility S=Soil B=Sediment
SW=Surface Water ST=Stormwater W=Waste A=Air C=Concrete

X=Other refuse + asphalt surfaces (soil, asphalt, concrete, brick)

PROJECT LOCATION

Bridge Port, CT

Analysis Request

PROJECT NUMBER

20110793.A2E

LABORATORY

Phoenix

Containers

- ☐ 24-Hour* ☐ 72-Hour* ☐ Other _____ (days)
☐ 48-Hour* ☒ Standard (5 days) *Surcharge Applies

Soil VOA Vial, □ methanol	Other	Water VOA Vial, □ Asite	Glass Amber () ml	Plastic - Asite, □ 250 ml	Plastic - H ₂ SO ₄ , □ 250 ml	Plastic - HNO ₃ , □ 250 ml	Plastic - NaOH, □ 250 ml
Soil VOA Vial, □ water	Other	Water VOA Vial, □ Asite	Glass Amber () ml	Plastic - Asite, □ 250 ml	Plastic - H ₂ SO ₄ , □ 250 ml	Plastic - HNO ₃ , □ 250 ml	Plastic - NaOH, □ 250 ml
Soil VOA Vial, □ Na ₂ SO ₄	Other	Water VOA Vial, □ Asite	Glass Amber () ml	Plastic - Asite, □ 250 ml	Plastic - H ₂ SO ₄ , □ 250 ml	Plastic - HNO ₃ , □ 250 ml	Plastic - NaOH, □ 250 ml

Item No.	Transfer Check	Sample Number	Source Code	Date Sampled	Time Sampled	Comments
146	✓	-ECC-AG-brick-146	X	2/7/13	12:52	Composite
147	✓	-ECC-AG-brick-147	X	2/7/13	12:54	Composite
148	✓	-ECC-AG-brick-148	X	2/7/13	12:56	Composite
149	✓	-ECC-AG-brick-149	X	2/7/13	12:58	Composite
150	✓	-ECC-AG-brick-150	X	2/7/13	1:00	Composite
151	✓	-ECC-AG-brick-151	X	2/7/13	1:02	Discrete
152	✓	-ECC-AG-brick-152	X	2/7/13	1:04	Composite
153	✓	-ECC-AG-soil-153	X	2/7/13	1:06	Discrete
154	✓	-ECC-AG-soil-154	X	2/7/13	1:08	Composite
155	✓	-ECC-AG-soil-155	X	2/7/13	1:10	Discrete

Transfer Number	Relinquished By	Accepted By	Date	Time
1	S Blum	F to Fridge	2/13/13	9:55
2	F to Fridge	S Blum	2/13/13	11:50
3	S Blum	Blum	2/13/13	10:50
4	Blum	Blum	2/13/13	10:50

Charge Exceptions: ☐ CT Tax Exempt ☐ QA/QC ☐ Other _____
_____ Duplicates _____ Blanks (Item Nos: _____)

Reporting and Detection Limit Requirements: ☐ RCP Deliverables ☐ MCP CAM Cert.

Composite samples < 0.5 ppm / Discrete < 1 ppm

Additional Comments: Composite: ECC-AG-brick 146 to 147 / brick-148 to 149
brick 150 to 151 / soil 153 to 154



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 05, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
02/07/13	13:12
02/22/13	15:47

Laboratory Data

SDG ID: GBD38953
Phoenix ID: BD38953

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201202061203-ECC-AG-SOIL-156-157 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	82		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	PB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1221	ND	0.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1232	ND	0.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1242	ND	0.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1248	*	0.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1254	*	0.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1260	*	0.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1262	ND	0.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1268	ND	0.2	mg/kg	02/28/13	AW	3540C/8082
Total PCBs	1	0.2	mg/kg	02/28/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	96	%	02/28/13	AW	30 - 150 %
% TCMX	74	%	02/28/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD38953

Client ID: 201202061203-ECC-AG-SOIL-156-157 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

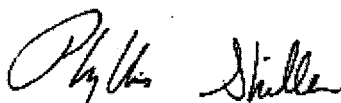
Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1248 and 1254 and 1260.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

March 05, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 05, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
02/07/13	13:18
02/22/13	15:47

Laboratory Data

SDG ID: GBD38953
Phoenix ID: BD38954

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201202061203-ECC-AG-SOIL-158-159 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	84		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	PB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1221	ND	0.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1232	ND	0.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1242	ND	0.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1248	*	0.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1254	*	0.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1260	*	0.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1262	ND	0.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1268	ND	0.2	mg/kg	02/28/13	AW	3540C/8082
Total PCBs	1.2	0.2	mg/kg	02/28/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	97	%	02/28/13	AW	30 - 150 %
% TCMX	74	%	02/28/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD38954

Client ID: 201202061203-ECC-AG-SOIL-158-159 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

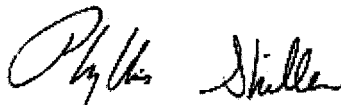
Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1248 and 1254 and 1260.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

March 05, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 05, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
02/07/13	13:22
02/22/13	15:47

Laboratory Data

SDG ID: GBD38953
Phoenix ID: BD38955

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201202061203-ECC-AG-SOIL-160-161 COMP

<u>Parameter</u>	<u>Result</u>	<u>RL/ PQL</u>	<u>Units</u>	<u>Date/Time</u>	<u>By</u>	<u>Reference</u>
Percent Solid	78		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	PB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	2.1	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	2.1	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	2.1	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	2.1	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	ND	2.1	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	ND	2.1	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	6.7	2.1	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	2.1	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	2.1	mg/kg	02/27/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	Diluted Out	%	02/27/13	AW	30 - 150 %
% TCMX	Diluted Out	%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD38955

Client ID: 201202061203-ECC-AG-SOIL-160-161 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

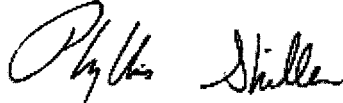
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

March 05, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 05, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
02/07/13	13:26
02/22/13	15:47

Laboratory Data

SDG ID: GBD38953
Phoenix ID: BD38956

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201202061203-ECC-AG-SOIL-162-163 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	78		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	PB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.21	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	0.21	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	0.21	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	0.21	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	*	0.21	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	*	0.21	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	0.21	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	0.21	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	0.21	mg/kg	02/27/13	AW	3540C/8082
Total PCBs	1.2	0.21	mg/kg	02/27/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	87	%	02/27/13	AW	30 - 150 %
% TCMX	79	%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD38956

Client ID: 201202061203-ECC-AG-SOIL-162-163 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

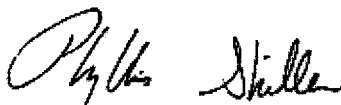
Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1248 and 1254.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

March 05, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 05, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
02/07/13	13:30
02/22/13	15:47

Laboratory Data

SDG ID: GBD38953
Phoenix ID: BD38957

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201202061203-ECC-AG-SOIL-164-165 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	75		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	PB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	1.1	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	1.1	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	1.1	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	1.1	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	3.6	1.1	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	ND	1.1	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	1.1	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	1.1	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	1.1	mg/kg	02/27/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	88	%	02/27/13	AW	30 - 150 %
% TCMX	80	%	02/27/13	AW	30 - 150 %



FUSS & O'NEILL

(860) 646-2469 • www.FandO.com

- ☐ 146 Hartford Road, Manchester, CT 06040
☒ 317 Iron Horse Way, Suite 204, Providence, RI 02908
☐ 80 Washington Street, Suite 301, Poughkeepsie, NY

- ☐ 78 Interstate Drive, West Springfield, MA 01089
☐ 317 Iron Horse Way, Suite 204, Providence, RI 02908
☐ 80 Washington Street, Suite 301, Poughkeepsie, NY

CHAIN-OF-CUSTODY RECORD 26992

PROJECT NAME

PROJECT LOCATION

PROJECT NUMBER

LABORATORY

Containers

Phoenix

REPORT TO:

Central High School Bridgeport CT

Analysis Request

INVOICE TO:

Kenn McCarthy / Kanan Redfield

P.O. No.:

20110793.AZE

Sampler's Signature:

James Blum

Date: 2/13/13

Source Codes:

PW=Potable Water
SW=Surface Water

T=Treatment Facility
W=Waste

S=Soil
C=Concrete

X=Other adjacent ground surfaces (soil, asphalt, concrete)

Item No.	Transfer Check				Sample Number	Source Code	Date Sampled	Time Sampled	PCB									
	1	2	3	4					Soil VOA Val.	Other	Glass Soil C	Other	Water VOA	Glass Amber	Plastic - As	Plastic - H ₂ SO ₄	Plastic - HNO ₃	Comments
156	✓	✓	✓	✓	201202061203 -ECC-AG-Soil-156	X	2/7/13	1:12	✓	✓	✓	✓	✓	✓	✓	38953	Composite	
157	✓	✓	✓	✓	-ECC-AG-Soil-157	X	2/7/13	1:14	✓	✓	✓	✓	✓	✓	✓	✓	Composite	
158	✓	✓	✓	✓	-ECC-AG-Soil-158	X	2/7/13	1:16	✓	✓	✓	✓	✓	✓	✓	38954	Composite	
159	✓	✓	✓	✓	-ECC-AG-Soil-159	X	2/7/13	1:18	✓	✓	✓	✓	✓	✓	✓	✓	Composite	
160	✓	✓	✓	✓	-ECC-AG-Soil-160	X	2/7/13	1:20	✓	✓	✓	✓	✓	✓	✓	38955	Composite	
161	✓	✓	✓	✓	-ECC-AG-Soil-161	X	2/7/13	1:22	✓	✓	✓	✓	✓	✓	✓	✓	Composite	
162	✓	✓	✓	✓	-ECC-AG-Soil-162	X	2/7/13	1:24	✓	✓	✓	✓	✓	✓	✓	38956	Composite	
163	✓	✓	✓	✓	-ECC-AG-Soil-163	X	2/7/13	1:26	✓	✓	✓	✓	✓	✓	✓	✓	Composite	
164	✓	✓	✓	✓	-ECC-AG-Soil-164	X	2/7/13	1:28	✓	✓	✓	✓	✓	✓	✓	38957	Composite	
165	✓	✓	✓	✓	-ECC-AG-Soil-165	X	2/7/13	1:30	✓	✓	✓	✓	✓	✓	✓	✓	Composite	

Transfer Number	Relinquished By	Accepted By	Date	Time	Charge Exceptions: □ CT Tax Exempt □ QA/QC □ Other
1	J Blum	F to Fradys	2/13/13	4:55	□ Duplicates □ Blanks (Item Nos.)
2	F to Fradys	J Blum	2/21/13	10:50	Reporting and Detection Limit Requirements: □ RCP Deliverables □ MCP CAM Cert.
3	J Blum	Kanab G.	2/22/13	10:50	Additional Comments: Composite 3 O.S. PPM
4	Kanab G.	J Blum	2/22/13	1:30	Soil 156 to 165 / Soil 158 to 165



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 04, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

02/09/13
02/22/13

Time

13:34
15:47

Laboratory Data

SDG ID: GBD38922
Phoenix ID: BD38927

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AG-SOIL-166-167 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	80		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	BB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	1	mg/kg	02/26/13	AW	3540C/8082
PCB-1221	ND	1	mg/kg	02/26/13	AW	3540C/8082
PCB-1232	ND	1	mg/kg	02/26/13	AW	3540C/8082
PCB-1242	ND	1	mg/kg	02/26/13	AW	3540C/8082
PCB-1248	5	1	mg/kg	02/26/13	AW	3540C/8082
PCB-1254	ND	1	mg/kg	02/26/13	AW	3540C/8082
PCB-1260	ND	1	mg/kg	02/26/13	AW	3540C/8082
PCB-1262	ND	1	mg/kg	02/26/13	AW	3540C/8082
PCB-1268	ND	1	mg/kg	02/26/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	81	%	02/26/13	AW	30 - 150 %
% TCMX	88	%	02/26/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD38927

Client ID: 201302061203-ECC-AG-SOIL-166-167 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

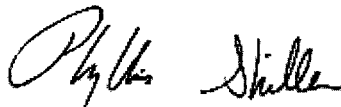
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

March 04, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 04, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

02/09/13
02/22/13

Time

13:38
15:47

Laboratory Data

SDG ID: GBD38922
Phoenix ID: BD38928

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AG-SOIL-168-169 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	76		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	BB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	1.1	mg/kg	02/26/13	AW	3540C/8082
PCB-1221	ND	1.1	mg/kg	02/26/13	AW	3540C/8082
PCB-1232	ND	1.1	mg/kg	02/26/13	AW	3540C/8082
PCB-1242	ND	1.1	mg/kg	02/26/13	AW	3540C/8082
PCB-1248	8.1	1.1	mg/kg	02/26/13	AW	3540C/8082
PCB-1254	ND	1.1	mg/kg	02/26/13	AW	3540C/8082
PCB-1260	ND	1.1	mg/kg	02/26/13	AW	3540C/8082
PCB-1262	ND	1.1	mg/kg	02/26/13	AW	3540C/8082
PCB-1268	ND	1.1	mg/kg	02/26/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	81	%	02/26/13	AW	30 - 150 %
% TCMX	108	%	02/26/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD38928

Client ID: 201302061203-ECC-AG-SOIL-168-169 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

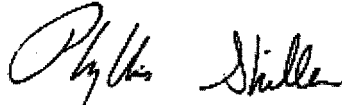
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

March 04, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 04, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

02/09/13
02/22/13

Time

13:42
15:47

Laboratory Data

SDG ID: GBD38922
Phoenix ID: BD38929

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AG-SOIL-170-171 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	79		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	BB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.21	mg/kg	02/26/13	AW	3540C/8082
PCB-1221	ND	0.21	mg/kg	02/26/13	AW	3540C/8082
PCB-1232	ND	0.21	mg/kg	02/26/13	AW	3540C/8082
PCB-1242	ND	0.21	mg/kg	02/26/13	AW	3540C/8082
PCB-1248	*	0.21	mg/kg	02/26/13	AW	3540C/8082
PCB-1254	*	0.21	mg/kg	02/26/13	AW	3540C/8082
PCB-1260	ND	0.21	mg/kg	02/26/13	AW	3540C/8082
PCB-1262	ND	0.21	mg/kg	02/26/13	AW	3540C/8082
PCB-1268	ND	0.21	mg/kg	02/26/13	AW	3540C/8082
Total PCBs	2.3	0.21	mg/kg	02/26/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	77	%	02/26/13	AW	30 - 150 %
% TCMX	69	%	02/26/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD38929

Client ID: 201302061203-ECC-AG-SOIL-170-171 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1248 and 1254.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

March 04, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 04, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

02/09/13
02/22/13

Time

13:46
15:47

Laboratory Data

SDG ID: GBD38922
Phoenix ID: BD38930

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AG-SOIL-172-173 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	74		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	BB/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	2.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1221	ND	2.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1232	ND	2.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1242	ND	2.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1248	4.5	2.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1254	ND	2.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1260	ND	2.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1262	ND	2.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1268	ND	2.2	mg/kg	02/28/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	Diluted Out		%	02/28/13	AW	30 - 150 %
% TCMX	Diluted Out		%	02/28/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD38930

Client ID: 201302061203-ECC-AG-SOIL-172-173 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

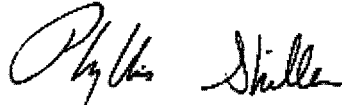
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

March 04, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 04, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

02/09/13
02/22/13

Time

13:50
15:47

Laboratory Data

SDG ID: GBD38922
Phoenix ID: BD38931

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AG-SOIL-174-175 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	79		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	BB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	2.1	mg/kg	02/28/13	AW	3540C/8082
PCB-1221	ND	2.1	mg/kg	02/28/13	AW	3540C/8082
PCB-1232	ND	2.1	mg/kg	02/28/13	AW	3540C/8082
PCB-1242	ND	2.1	mg/kg	02/28/13	AW	3540C/8082
PCB-1248	5.7	2.1	mg/kg	02/28/13	AW	3540C/8082
PCB-1254	ND	2.1	mg/kg	02/28/13	AW	3540C/8082
PCB-1260	ND	2.1	mg/kg	02/28/13	AW	3540C/8082
PCB-1262	ND	2.1	mg/kg	02/28/13	AW	3540C/8082
PCB-1268	ND	2.1	mg/kg	02/28/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	Diluted Out	%	02/28/13	AW	30 - 150 %
% TCMX	Diluted Out	%	02/28/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD38931

Client ID: 201302061203-ECC-AG-SOIL-174-175 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

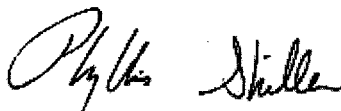
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

March 04, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



FUSS & O'NEILL
(860) 646-2469 • www.FandO.com

- ☐ 146 Hartford Road, Manchester, CT 06040
☒ 36 Quarry Road, Trumbull, CT 06611
☐ 1419 Richland Street, Columbia, SC 29201

- ☐ 78 Interstate Drive, West Springfield, MA 01089
☐ 317 Iron Horse Way, Suite 204, Providence, RI 02908
☐ 80 Washington Street, Suite 301, Poughkeepsie, NY

☐ Other _____

CHAIN-OF-CUSTODY RECORD 26991

PROJECT NAME

PROJECT LOCATION

PROJECT NUMBER

LABORATORY

Phoenix

REPORT TO:

Central High School / Brodeur, CT
Kevin McCarthy / Karen Redfield

Analysis Request

INVOICE TO:

P.O. No.: 20110793.A2E

Sampler's Signature:

James Blum

Date: 2/13/13

Source Codes:

MW=Monitoring Well
SW=Surface Water
PW=Portable Water
ST=Stormwater
T=Treatment Facility
W=Waste
A=Air
C=Concrete
S=Soil
B=Sediment

X=Other Adjacent ground surfaces (soil, asphalt, concrete)

Transfer Check

Item No.	1	2	3	4	Sample Number	Source Code	Date Sampled	Time Sampled
166	✓	✓	✓	✓	- ECC-AG-Soil-166	X	2/7/13	1:32
167	✓	✓	✓	✓	- ECC-AG-Soil-167	X	2/7/13	1:34
168	✓	✓	✓	✓	- ECC-AG-Soil-168	X	2/7/13	1:36
169	✓	✓	✓	✓	- ECC-AG-Soil-169	X	2/7/13	1:38
170	✓	✓	✓	✓	- ECC-AG-Soil-170	X	2/7/13	1:40
171	✓	✓	✓	✓	- ECC-AG-Soil-171	X	2/7/13	1:42
172	✓	✓	✓	✓	- ECC-AG-Soil-172	X	2/7/13	1:44
173	✓	✓	✓	✓	- ECC-AG-Soil-173	X	2/7/13	1:46
174	✓	✓	✓	✓	- ECC-AG-Soil-174	X	2/7/13	1:48
175	✓	✓	✓	✓	- ECC-AG-Soil-175	X	2/7/13	1:50

Transfer Number

Relinquished By

Accepted By

Date

Time

Charge Exceptions: ☐ CT Tax Exempt ☐ QA/QC ☐ Other _____
_____ Duplicates _____ Blanks (Item Nos: _____)

Reporting and Detection Limit Requirements: ☐ RCP Deliverables ☐ MCP CAM Cert.

COMPOSITE SAMPLES < 0.5 PLM

Additional Comments: COMPOSITE: ECC-AG-Soil 166 to 175 / Soil 168 to 169
Soil 170 to 171 / Soil 172 to 173 / Soil 174 to 175



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045

Tel. (860) 645-1102

Fax (860) 645-0823

Analysis Report

February 28, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

02/07/13
02/22/13

Time

13:54
15:47

Laboratory Data

SDG ID: GBD38882
Phoenix ID: BD38882

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AG-CONCRETE-176-177 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	99		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/22/13	PB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.16	mg/kg	02/26/13	AW	3540C/8082
PCB-1221	ND	0.16	mg/kg	02/26/13	AW	3540C/8082
PCB-1232	ND	0.16	mg/kg	02/26/13	AW	3540C/8082
PCB-1242	ND	0.16	mg/kg	02/26/13	AW	3540C/8082
PCB-1248	ND	0.16	mg/kg	02/26/13	AW	3540C/8082
PCB-1254	ND	0.16	mg/kg	02/26/13	AW	3540C/8082
PCB-1260	ND	0.16	mg/kg	02/26/13	AW	3540C/8082
PCB-1262	ND	0.16	mg/kg	02/26/13	AW	3540C/8082
PCB-1268	ND	0.16	mg/kg	02/26/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	72	%	02/26/13	AW	30 - 150 %
% TCMX	71	%	02/26/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD38882

Client ID: 201302061203-ECC-AG-CONCRETE-176-177 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

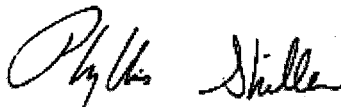
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

February 28, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

February 28, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

02/07/13
02/22/13

Time

13:58
15:47

Laboratory Data

SDG ID: GBD38882
Phoenix ID: BD38883

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AG-CONCRETE-178-179 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	98		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/22/13	PB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1221	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1232	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1242	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1248	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1254	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1260	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1262	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1268	ND	0.17	mg/kg	02/25/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	37	%	02/25/13	AW	30 - 150 %
% TCMX	32	%	02/25/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD38883

Client ID: 201302061203-ECC-AG-CONCRETE-178-179 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

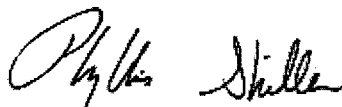
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

February 28, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

February 28, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
02/07/13	14:00
02/22/13	15:47

Laboratory Data

SDG ID: GBD38882
Phoenix ID: BD38884

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AG-CONCRETE-180

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	98		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/22/13	PB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.33	mg/kg	02/25/13	AW	3540C/8082
PCB-1221	ND	0.33	mg/kg	02/25/13	AW	3540C/8082
PCB-1232	ND	0.33	mg/kg	02/25/13	AW	3540C/8082
PCB-1242	ND	0.33	mg/kg	02/25/13	AW	3540C/8082
PCB-1248	ND	0.33	mg/kg	02/25/13	AW	3540C/8082
PCB-1254	ND	0.33	mg/kg	02/25/13	AW	3540C/8082
PCB-1260	ND	0.33	mg/kg	02/25/13	AW	3540C/8082
PCB-1262	ND	0.33	mg/kg	02/25/13	AW	3540C/8082
PCB-1268	ND	0.33	mg/kg	02/25/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	70	%	02/25/13	AW	30 - 150 %
% TCMX	74	%	02/25/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AG-CONCRETE-180

Phoenix I.D.: BD38884

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

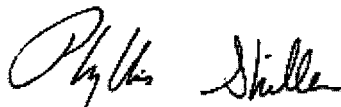
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

February 28, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

February 28, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
02/07/13	14:04
02/22/13	15:47

Laboratory Data

SDG ID: GBD38882
Phoenix ID: BD38885

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AG-SOIL-181-182 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	78		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/22/13	PB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	1	mg/kg	02/26/13	AW	3540C/8082
PCB-1221	ND	1	mg/kg	02/26/13	AW	3540C/8082
PCB-1232	ND	1	mg/kg	02/26/13	AW	3540C/8082
PCB-1242	ND	1	mg/kg	02/26/13	AW	3540C/8082
PCB-1248	*	1	mg/kg	02/26/13	AW	3540C/8082
PCB-1254	*	1	mg/kg	02/26/13	AW	3540C/8082
PCB-1260	ND	1	mg/kg	02/26/13	AW	3540C/8082
PCB-1262	ND	1	mg/kg	02/26/13	AW	3540C/8082
PCB-1268	ND	1	mg/kg	02/26/13	AW	3540C/8082
Total PCBs	5.9	1	mg/kg	02/26/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	82	%	02/26/13	AW	30 - 150 %
% TCMX	90	%	02/26/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AG-SOIL-181-182 COMP

Phoenix I.D.: BD38885

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

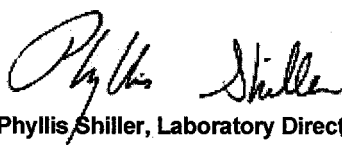
Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1248 and 1254.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

February 28, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

February 28, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

02/07/13
02/22/13

Time

14:08
15:47

Laboratory Data

SDG ID: GBD38882
Phoenix ID: BD38886

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AG-SOIL-183-184 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	76		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/22/13	PB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.21	mg/kg	02/26/13	AW	3540C/8082
PCB-1221	ND	0.21	mg/kg	02/26/13	AW	3540C/8082
PCB-1232	ND	0.21	mg/kg	02/26/13	AW	3540C/8082
PCB-1242	ND	0.21	mg/kg	02/26/13	AW	3540C/8082
PCB-1248	*	0.21	mg/kg	02/26/13	AW	3540C/8082
PCB-1254	*	0.21	mg/kg	02/26/13	AW	3540C/8082
PCB-1260	ND	0.21	mg/kg	02/26/13	AW	3540C/8082
PCB-1262	ND	0.21	mg/kg	02/26/13	AW	3540C/8082
PCB-1268	ND	0.21	mg/kg	02/26/13	AW	3540C/8082
Total PCBs	1.8	0.21	mg/kg	02/26/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	44	%	02/26/13	AW	30 - 150 %
% TCMX	45	%	02/26/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD38886

Client ID: 201302061203-ECC-AG-SOIL-183-184 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

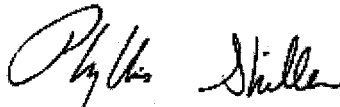
Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1248 and 1254.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

February 28, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

February 28, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

02/07/13
02/22/13

Time

14:10
15:47

Laboratory Data

SDG ID: GBD38882
Phoenix ID: BD38887

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AG-SOIL-185

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	76		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/22/13	PB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	1.1	mg/kg	02/26/13	AW	3540C/8082
PCB-1221	ND	1.1	mg/kg	02/26/13	AW	3540C/8082
PCB-1232	ND	1.1	mg/kg	02/26/13	AW	3540C/8082
PCB-1242	ND	1.1	mg/kg	02/26/13	AW	3540C/8082
PCB-1248	2.9	1.1	mg/kg	02/26/13	AW	3540C/8082
PCB-1254	ND	1.1	mg/kg	02/26/13	AW	3540C/8082
PCB-1260	ND	1.1	mg/kg	02/26/13	AW	3540C/8082
PCB-1262	ND	1.1	mg/kg	02/26/13	AW	3540C/8082
PCB-1268	ND	1.1	mg/kg	02/26/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	81	%	02/26/13	AW	30 - 150 %
% TCMX	66	%	02/26/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AG-SOIL-185

Phoenix I.D.: BD38887

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

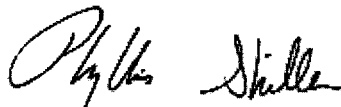
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

February 28, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

February 28, 2013

QA/QC Data

SDG I.D.: GBD38882

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 221907, QC Sample No: BD38890 (BD38882, BD38883, BD38884, BD38885, BD38886, BD38887)									
Polychlorinated Biphenyls - Solid									
PCB-1016	ND	78			80	76	5.1	40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	75			85	84	1.2	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	82	85			81	77	5.1	30 - 150	30
% TCMX (Surrogate Rec)	67	74			79	77	2.6	30 - 150	30

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference

LCS - Laboratory Control Sample

LCSD - Laboratory Control Sample Duplicate

MS - Matrix Spike

MS Dup - Matrix Spike Duplicate

NC - No Criteria

Intf - Interference

Phyllis Shiller, Laboratory Director

February 28, 2013

Thursday, February 28, 2013
Requested Criteria: None
State: CT

Sample Criteria Exceedences Report

GBD38882 - FOPCBTR

Page 1 of 1

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL	Analysis Units
--------	-------	-----------------	----------	--------	----	----------	----	----------------

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Reasonable Confidence Protocol Laboratory Analysis QA/QC Certification Form

Laboratory Name: Phoenix Environmental Labs, Inc. **Client:** F&OPCBTR
Project Location: CENTRAL HIGH SCHOOL **Project Number:**
Laboratory Sample ID(s): BD38882, BD38883, BD38884, BD38885, BD38886, BD38887
Sampling Date(s): 2/7/2013
RCP Methods Used:

☐ 1311/1312 ☐ 6010 ☐ 7000 ☐ 7196 ☐ 7470/7471 ☐ 8081 ☐ EPH ☐ TO15
☒ 8082 ☐ 8151 ☐ 8260 ☐ 8270 ☐ ETPH ☐ 9010/9012 ☐ VPH

1.	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1a.	Were the method specified preservation and holding time requirements met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1b.	EPH and VPH methods only: Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA
2.	Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3.	Were samples received at an appropriate temperature (< 6 Degrees C)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
4.	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5a.	Were reporting limits specified or referenced on the chain-of-custody?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5b.	Were these reporting limits met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
6.	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
7.	Are project-specific matrix spikes and laboratory duplicates included in the data set?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA

Note: For all questions to which the response was "No" (with the exception of question #5a, #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence".

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized
Signature:

Rashmi Makol

Date: Thursday, February 28, 2013

Printed Name: Rashmi Makol

Position: Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

February 28, 2013

SDG I.D.: GBD38882

PCB Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Au-ecd1 02/26/13-1 (BD38882, BD38884, BD38887)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner

Position: Chemist

Date: 2/26/2013

Instrument: Au-ecd24 02/25/13-1 (BD38883, BD38884)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner

Position: Chemist

Date: 2/25/2013

Instrument: Au-ecd7 02/26/13-1 (BD38885, BD38886)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner

Position: Chemist

Date: 2/26/2013

QC (Batch Specific)

—— Sample No: BD38890, QA/QC Batch: 221907 ——

All LCS recoveries were within 40 - 140 with the following exceptions: None.

Temperature Narration



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

February 28, 2013

SDG I.D.: GBD38882

The samples in this delivery group were received at 6°C.
(Note acceptance criteria is above freezing up to 6°C)



FUSS & O'NEILL

(860) 646-2469 • www.FandO.com

- ☐ 146 Hartford Road, Manchester, CT 06040
☒ 56 Quarry Road, Trumbull, CT 06611
☐ 1419 Richland Street, Columbia, SC 29201

- ☐ 78 Interstate Drive, West Springfield, MA 01089
☐ 317 Iron Horse Way, Suite 204, Providence, RI 02908
☐ 80 Washington Street, Suite 301, Poughkeepsie, NY

☐ Other _____

CHAIN-OF-CUSTODY RECORD 26990

PROJECT NAME

PROJECT LOCATION

PROJECT NUMBER

LABORATORY

Central High School Bridgeport CT
REPORT TO: Kevin McCarthy / Karm Red Field.

2010793.A2E

Phoenix

Analysis Request

Containers

INVOICE TO:

P.O. NO.: 20110793.A2E

Sampler's Signature: *[Signature]*

Date: 2/13/13

Source Codes:

PW=Potable Water
SW=Surface Water

T=Treatment Facility
W=Waste

S=Soil
C=Concrete

B=Sediment
A=Air

X=Other Adjacent ground surfaces (soil, asphalt, concrete)

Transfer Check

Sample Number

Date Sampled

Time Sampled

Source Code

Item No.

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

27

28

29

30

31

32

33

34

35

36

37

38

39

40

41

42

43

44

45

46

47

48

49

50

51

52

53

54

55

56

57

58

59

60

61

62

63

64

65

66

67

68

69

70

71

72

73

74

75

76

77

78

79

80

81

82

83

84

85

86

87

88

89

90

91

92

93

94

95

96

97

98

99

100

101

102

103

104

105

106

107

108

109

110

111

112

113

114

115

116

117

118

119

120

121

122

123

124

125

126

127

128

129

130

131

132

133

134

135

136

137

138

139

140

141

142

143

144

145

146

147

148

149

150

151

152

153

154

155

156

157

158

159

160

161

162

163

164

165

166

167

168

169

170

171

172

173

174

175

176

177

178

179

180

181

182

183

184

185

186

187

188

189

190

191

192

193

194

195

196

197

198

199

200

201

202

203

204

205

206

207

208

209

210

211

212

213

214

215

216

217

218

219

220

221

222

223

224

225

226

227

228

229

230

231

232

233

234

235

236

237

238

239

240

241

242

243

244

245

246

247

248

249

250

251

252

253

254

255

256

257

258

259

260

261

262

263

264

265

266

267

268

269

270

271

272

273

274

275

276

277

278

279

280

281

282

283

284

285

286

287

288

289

290

291

292

293

294

295

296

297

298

299

300

301

302

303

304

305

306

307

308

309

310

311

312

313

314

315

316

317

318

319

320

321

322

323

324

325

326

327

328

329

330

331

332

333

334

335



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 04, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

02/09/13
02/22/13

Time

14:12
15:47

Laboratory Data

SDG ID: GBD38922
Phoenix ID: BD38922

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AG-SOIL-186-187 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	77		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	PB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	12	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	1	mg/kg	02/27/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	87	%	02/27/13	AW	30 - 150 %
% TCMX	96	%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD38922

Client ID: 201302061203-ECC-AG-SOIL-186-187 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

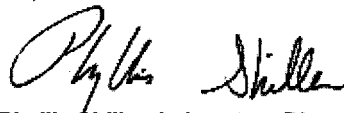
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

March 04, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 04, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

02/09/13
02/22/13

Time

14:18
15:47

Laboratory Data

SDG ID: GBD38922
Phoenix ID: BD38923

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AG-SOIL-188-189 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	82		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	BB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.2	mg/kg	02/26/13	AW	3540C/8082
PCB-1221	ND	0.2	mg/kg	02/26/13	AW	3540C/8082
PCB-1232	ND	0.2	mg/kg	02/26/13	AW	3540C/8082
PCB-1242	ND	0.2	mg/kg	02/26/13	AW	3540C/8082
PCB-1248	*	0.2	mg/kg	02/26/13	AW	3540C/8082
PCB-1254	*	0.2	mg/kg	02/26/13	AW	3540C/8082
PCB-1260	ND	0.2	mg/kg	02/26/13	AW	3540C/8082
PCB-1262	ND	0.2	mg/kg	02/26/13	AW	3540C/8082
PCB-1268	ND	0.2	mg/kg	02/26/13	AW	3540C/8082
Total PCBs	2.6	0.2	mg/kg	02/26/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	63	%	02/26/13	AW	30 - 150 %
% TCMX	81	%	02/26/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD38923

Client ID: 201302061203-ECC-AG-SOIL-188-189 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

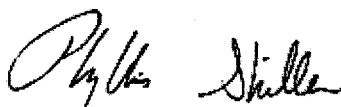
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1248 and 1254.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

March 04, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 04, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

02/09/13
02/22/13

Time

14:22
15:47

Laboratory Data

SDG ID: GBD38922
Phoenix ID: BD38924

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AG-SOIL-190-191 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	77		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	BB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.21	mg/kg	02/26/13	AW	3540C/8082
PCB-1221	ND	0.21	mg/kg	02/26/13	AW	3540C/8082
PCB-1232	ND	0.21	mg/kg	02/26/13	AW	3540C/8082
PCB-1242	ND	0.21	mg/kg	02/26/13	AW	3540C/8082
PCB-1248	*	0.21	mg/kg	02/26/13	AW	3540C/8082
PCB-1254	*	0.21	mg/kg	02/26/13	AW	3540C/8082
PCB-1260	ND	0.21	mg/kg	02/26/13	AW	3540C/8082
PCB-1262	ND	0.21	mg/kg	02/26/13	AW	3540C/8082
PCB-1268	ND	0.21	mg/kg	02/26/13	AW	3540C/8082
Total PCBs	1.2	0.21	mg/kg	02/26/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	67	%	02/26/13	AW	30 - 150 %
% TCMX	83	%	02/26/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD38924

Client ID: 201302061203-ECC-AG-SOIL-190-191 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

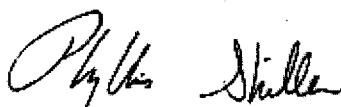
Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1248 and 1254.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

March 04, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 04, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

02/09/13
02/22/13

Time

14:26
15:47

Laboratory Data

SDG ID: GBD38922
Phoenix ID: BD38925

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AG-SOIL-192-193 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	75		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	BB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	1.1	mg/kg	02/26/13	AW	3540C/8082
PCB-1221	ND	1.1	mg/kg	02/26/13	AW	3540C/8082
PCB-1232	ND	1.1	mg/kg	02/26/13	AW	3540C/8082
PCB-1242	ND	1.1	mg/kg	02/26/13	AW	3540C/8082
PCB-1248	7.7	1.1	mg/kg	02/26/13	AW	3540C/8082
PCB-1254	ND	1.1	mg/kg	02/26/13	AW	3540C/8082
PCB-1260	ND	1.1	mg/kg	02/26/13	AW	3540C/8082
PCB-1262	ND	1.1	mg/kg	02/26/13	AW	3540C/8082
PCB-1268	ND	1.1	mg/kg	02/26/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	82	%	02/26/13	AW	30 - 150 %
% TCMX	96	%	02/26/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD38925

Client ID: 201302061203-ECC-AG-SOIL-192-193 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

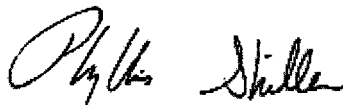
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

March 04, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 04, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

02/09/13
02/22/13

Time

14:29
15:47

Laboratory Data

SDG ID: GBD38922
Phoenix ID: BD38926

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AG-SOIL-194-195 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	77		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	BB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.21	mg/kg	02/26/13	AW	3540C/8082
PCB-1221	ND	0.21	mg/kg	02/26/13	AW	3540C/8082
PCB-1232	ND	0.21	mg/kg	02/26/13	AW	3540C/8082
PCB-1242	ND	0.21	mg/kg	02/26/13	AW	3540C/8082
PCB-1248	1.5	0.21	mg/kg	02/26/13	AW	3540C/8082
PCB-1254	ND	0.21	mg/kg	02/26/13	AW	3540C/8082
PCB-1260	ND	0.21	mg/kg	02/26/13	AW	3540C/8082
PCB-1262	ND	0.21	mg/kg	02/26/13	AW	3540C/8082
PCB-1268	ND	0.21	mg/kg	02/26/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	76	%	02/26/13	AW	30 - 150 %
% TCMX	89	%	02/26/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD38926

Client ID: 201302061203-ECC-AG-SOIL-194-195 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

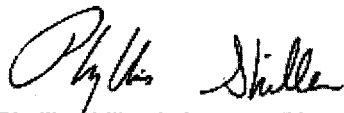
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

March 04, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



FUSS & O'NEILL

Disciplines to Deliver

(860) 646-2469 • www.FandO.com

- ☐ 146 Hartford Road, Manchester, CT 06040
☒ 56 Quarry Road, Trumbull, CT 06611
☐ 1419 Richland Street, Columbia, SC 29201
☐ 78 Interstate Drive, West Springfield, MA 01089

- ☐ 50 Redfield Street, Suite 100, Boston, MA 02122
☐ 275 Promenade Street, Suite 350, Providence, RI 02908
☐ 80 Washington Street, Suite 301, Poughkeepsie, NY 12601

CHAIN-OF-CUSTODY RECORD 26023

PROJECT NAME

Central High School

PROJECT LOCATION

Bridgeport CT

PROJECT NUMBER

20110793.42E

LABORATORY

Phoenix

REPORT TO:

Kevin McElrath / Karan Redfield

Analysis

INVOICE TO:

Request

P.O. NO.: 20110793.42E

Sampler's Signature:

James Blum

Date: 2/13/13

Source Codes:

MW=Monitoring Well PW=Potable Water S=Soil W=Waste

SW=Surface Water T=Treatment Facility B=Sediment A=Air

X=Other adjacent ground surfaces (soil, concrete, asphalt)

Item No.	Transfer Check				Sample Number	Source Code	Date Sampled	Time Sampled
	1	2	3	4				
186	✓	✓			-ECC-AG-Soil-186	X	2/13/13	2:12
187	✓	✓			-ECC-AG-Soil-187	X	2/13/13	2:14
188	✓	✓			-ECC-AG-Soil-188	X	2/13/13	2:16
189	✓	✓			-ECC-AG-Soil-189	X	2/13/13	2:18
190	✓	✓			-ECC-AG-Soil-190	X	2/13/13	2:20
191	✓	✓			-ECC-AG-Soil-191	X	2/13/13	2:22
192	✓	✓			-ECC-AG-Soil-192	X	2/13/13	2:24
193	✓	✓			-ECC-AG-Soil-193	X	2/13/13	2:26
194	✓	✓			-ECC-AG-Soil-194	X	2/13/13	2:28
195	✓	✓			-ECC-AG-Soil-195	X	2/13/13	2:29

Soil VOA Val. []	Glass Soil Container (4) oz	Glass Soil Container (2) oz	Water VOA Val. []	Glass Amber () oz	Plastic - As is []	Plastic - H ₂ SO ₄ []	Plastic - HNO ₃ []	Plastic - NaOH []	Comments
38922									Composite
38923									Composite
38924									Composite
38925									Composite
38926									Composite

Transfer Number	Relinquished By	Accepted By	Date	Time	Reporting and Detection Limit Requirements:
1	J Blum	F to Fridge	2/13/13	10:10	Composite samples < 0.5 ppm
2	F to Fridge	J Blum	2/22/13	10:48	Additional Comments: Composite Samples: ECC-AG-Soil-186 to 187 / Soil 188 to 189 / Soil 190 to 191 / Soil 192 to 193 / Soil 194 to 195
3	J Blum	Ken Leb G.	2/22/13	10:48	
4	Ken Leb G.		2/22/13	10:48	



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 05, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

02/07/13
02/22/13

Time

14:32
15:47

Laboratory Data

SDG ID: GBD38953
Phoenix ID: BD38958

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201202061203-ECC-AG-SOIL-196-197 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	83		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	PB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.19	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	0.19	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	0.19	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	0.19	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	*	0.19	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	*	0.19	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	0.19	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	0.19	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	0.19	mg/kg	02/27/13	AW	3540C/8082
Total PCBs	1.4	0.19	mg/kg	02/27/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	92	%	02/27/13	AW	30 - 150 %
% TCMX	61	%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD38958

Client ID: 201202061203-ECC-AG-SOIL-196-197 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

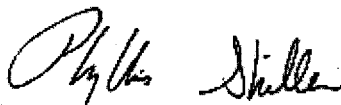
Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1248 and 1254.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

March 05, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 05, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
02/07/13	14:36
02/22/13	15:47

Laboratory Data

SDG ID: GBD38953
Phoenix ID: BD38959

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201202061203-ECC-AG-SOIL-198-199 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	81		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	PB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	*	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	*	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	0.2	mg/kg	02/27/13	AW	3540C/8082
Total PCBs	1.4	0.2	mg/kg	02/27/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	80	%	02/27/13	AW	30 - 150 %
% TCMX	76	%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD38959

Client ID: 201202061203-ECC-AG-SOIL-198-199 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1248 and 1254.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

March 05, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 05, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
02/07/13	14:40
02/22/13	15:47

Laboratory Data

SDG ID: GBD38953
Phoenix ID: BD38960

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201202061203-ECC-AG-SOIL-200-201 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	74		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	PB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	1.1	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	1.1	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	1.1	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	1.1	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	6	1.1	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	ND	1.1	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	1.1	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	1.1	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	1.1	mg/kg	02/27/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	81	%	02/27/13	AW	30 - 150 %
% TCMX	78	%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD38960

Client ID: 201202061203-ECC-AG-SOIL-200-201 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

March 05, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 05, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

02/07/13
02/22/13

Time

14:44
15:47

Laboratory Data

SDG ID: GBD38953
Phoenix ID: BD38961

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201202061203-ECC-AG-SOIL-202-203 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	74		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	PB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.22	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	0.22	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	0.22	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	0.22	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	*	0.22	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	*	0.22	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	0.22	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	0.22	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	0.22	mg/kg	02/27/13	AW	3540C/8082
Total PCBs	2	0.22	mg/kg	02/27/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	76	%	02/27/13	AW	30 - 150 %
% TCMX	81	%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD38961

Client ID: 201202061203-ECC-AG-SOIL-202-203 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

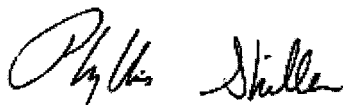
Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1248 and 1254.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

March 05, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 05, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
02/07/13	14:48
02/22/13	15:47

Laboratory Data

SDG ID: GBD38953
Phoenix ID: BD38962

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201202061203-ECC-AG-SOIL-204-205 COMP

<u>Parameter</u>	<u>Result</u>	<u>RL/ PQL</u>	<u>Units</u>	<u>Date/Time</u>	<u>By</u>	<u>Reference</u>
Percent Solid	73		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	BB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	1.1	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	1.1	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	1.1	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	1.1	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	15	1.1	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	ND	1.1	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	1.1	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	1.1	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	1.1	mg/kg	02/27/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	82	%	02/27/13	AW	30 - 150 %
% TCMX	81	%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD38962

Client ID: 201202061203-ECC-AG-SOIL-204-205 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

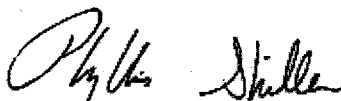
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

March 05, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



FUSS & O'NEILL

Disciplines to Deliver

(860) 646-2469 • www.FandO.com

- ☐ 146 Hartford Road, Manchester, CT 06040
☒ 56 Quarry Road, Trumbull, CT 06611
☐ 1419 Richland Street, Columbia, SC 29201
☐ 78 Interstate Drive, West Springfield, MA 01089

- ☐ 50 Redfield Street, Suite 100, Boston, MA 02122
☐ 275 Promenade Street, Suite 350, Providence, RI 02908
☐ 80 Washington Street, Suite 301, Poughkeepsie, NY 12601

CHAIN-OF-CUSTODY RECORD 26024

PROJECT NAME

Central High School

PROJECT LOCATION

Bridgeport, CT

PROJECT NUMBER

2010793.A2.E

LABORATORY

Phone n/a

REPORT TO: Kevin McCarthy / Carron Redfield

INVOICE TO:

P.O. NO.: 2010793.A2.E

Sampler's Signature: *[Signature]*

Date: 2/13/13

Source Codes:

MW=Monitoring Well

SW=Surface Water

T=Treatment Facility

S=Soil

B=Sediment

W=Waste

A=Air

X=Other adjacent ground surfaces (soil, asphalt, concrete)

Item No.	Transfer Check				Sample Number	Source Code	Date Sampled	Time Sampled
	1	2	3	4				
196	✓	✓	✓	✓	-ECC-AG-Soil-196	X	2/17/13	2:30
197	✓	✓	✓	✓	-ECC-AG-Soil-197	X	2/17/13	2:32
198	✓	✓	✓	✓	-ECC-AG-Soil-198	X	2/17/13	2:34
199	✓	✓	✓	✓	-ECC-AG-Soil-199	X	2/17/13	2:36
200	✓	✓	✓	✓	-ECC-AG-Soil-200	X	2/17/13	2:38
201	✓	✓	✓	✓	-ECC-AG-Soil-201	X	2/17/13	2:40
202	✓	✓	✓	✓	-ECC-AG-Soil-202	X	2/17/13	2:42
203	✓	✓	✓	✓	-ECC-AG-Soil-203	X	2/17/13	2:44
204	✓	✓	✓	✓	-ECC-AG-Soil-204	X	2/17/13	2:46
205	✓	✓	✓	✓	-ECC-AG-Soil-205	X	2/17/13	2:48

Analysis Request

Containers									
Soil VOA Val. [] methanol									
Glass Soil Container (4) oz									
Other: [] Na ₂ SO ₄									
Water VOA Val. [] As is [] HCl									
Glass Amber [] As is [] H ₂ SO ₄									
Plastic - As is [] 250 ml [] 500 ml									
Plastic - H ₂ SO ₄ [] 250 ml [] 500 ml									
Plastic - HNO ₃ [] 250 ml [] 500 ml									
Plastic - NaOH, 250 ml [] Unfiltered									

38958	✓									Composite
38959	✓									Composite
38960	✓									Composite
38961	✓									Composite
38962	✓									Composite

Transfer Number	Relinquished By	Accepted By	Date	Time	Reporting and Detection Limit Requirements:
1	J Blum	F to Fridge	2/13/13	10:15	Composite samples < 0.5 ppm
2	F to Fridge	J Blum	2/22/13	10:45	Additional Comments: Composite! ECC-AG-Soil-196 to 197 / Soil 198 to 199
3	J Blum	Kaleb G.	2/22/13	10:48	Soil 200 to 201 / Soil 202 to 203 / Soil 204 to 205
4	Kaleb G.		2/22/13	10:48	



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 04, 2013

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: JB
Received by: LB
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
02/07/13	14:52
02/22/13	15:47

Laboratory Data

SDG ID: GBD39000
Phoenix ID: BD39005

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AG SOIL 206-207

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	81		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/26/13	BP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	4.3	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	1	mg/kg	02/27/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	101	%	02/27/13	AW	30 - 150 %
% TCMX	91	%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AG SOIL 206-207

Phoenix I.D.: BD39005

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

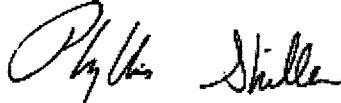
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

March 04, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 04, 2013

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: JB
Received by: LB
Analyzed by: see "By" below

Date Time

02/07/13 14:56
02/22/13 15:47

Laboratory Data

SDG ID: GBD39000
Phoenix ID: BD39006

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AG-SOIL 208-209

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	75		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/26/13	BP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.22	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	0.22	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	0.22	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	0.22	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	1.6	0.22	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	ND	0.22	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	0.22	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	0.22	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	0.22	mg/kg	02/27/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	98	%	02/27/13	AW	30 - 150 %
% TCMX	80	%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AG-SOIL 208-209

Phoenix I.D.: BD39006

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

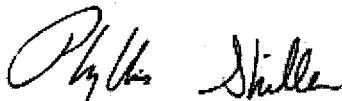
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

March 04, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045

Tel. (860) 645-1102

Fax (860) 645-0823

Analysis Report

March 04, 2013

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: JB
Received by: LB
Analyzed by: see "By" below

Date

02/07/13
02/22/13

Time

15:00
15:47

Laboratory Data

SDG ID: GBD39000
Phoenix ID: BD39007

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AG SOIL 210-211

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	82		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/26/13	BP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	1.2	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	ND	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	0.2	mg/kg	02/27/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	108	%	02/27/13	AW	30 - 150 %
% TCMX	76	%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD39007

Client ID: 201302061203-ECC-AG SOIL 210-211

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

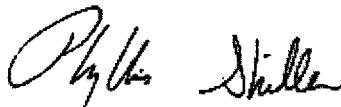
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

March 04, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 04, 2013

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: JB
Received by: LB
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
02/07/13	15:04
02/22/13	15:47

Laboratory Data

SDG ID: GBD39000
Phoenix ID: BD39008

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AG SOIL 212-213

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	81		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/26/13	BP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	1	mg/kg	02/28/13	AW	3540C/8082
PCB-1221	ND	1	mg/kg	02/28/13	AW	3540C/8082
PCB-1232	ND	1	mg/kg	02/28/13	AW	3540C/8082
PCB-1242	ND	1	mg/kg	02/28/13	AW	3540C/8082
PCB-1248	4.9	1	mg/kg	02/28/13	AW	3540C/8082
PCB-1254	ND	1	mg/kg	02/28/13	AW	3540C/8082
PCB-1260	ND	1	mg/kg	02/28/13	AW	3540C/8082
PCB-1262	ND	1	mg/kg	02/28/13	AW	3540C/8082
PCB-1268	ND	1	mg/kg	02/28/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	86	%	02/28/13	AW	30 - 150 %
% TCMX	108	%	02/28/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AG SOIL 212-213

Phoenix I.D.: BD39008

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

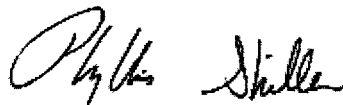
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

March 04, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 04, 2013

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: JB
Received by: LB
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
02/07/13	15:08
02/22/13	15:47

Laboratory Data

SDG ID: GBD39000
Phoenix ID: BD39009

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AG SOIL 214-215

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	83		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/26/13	BP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.99	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	0.99	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	0.99	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	0.99	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	6.8	0.99	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	ND	0.99	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	0.99	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	0.99	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	0.99	mg/kg	02/27/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	92	%	02/27/13	AW	30 - 150 %
% TCMX	88	%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AG SOIL 214-215

Phoenix I.D.: BD39009

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

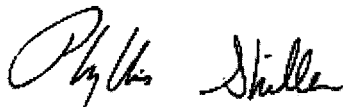
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

March 04, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

March 04, 2013

QA/QC Data

SDG I.D.: GBD39000

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 222094, QC Sample No: BD38987 (BD39000, BD39001)									
Polychlorinated Biphenyls - Solid									
PCB-1016	ND	75	78	3.9				40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	81	83	2.4				40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	101	103	103	0.0				30 - 150	30
% TCMX (Surrogate Rec)	84	82	83	1.2				30 - 150	30

Comment:

* For PCBs, MS and MSD could not be reported due to PCB in the un-spiked sample.

QA/QC Batch 222095, QC Sample No: BD39009 (BD39002, BD39003, BD39004, BD39005, BD39006, BD39007, BD39008, BD39009)

Polychlorinated Biphenyls - Soil

PCB-1016	ND	75	79	5.2				40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	78	80	2.5				40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	79	82	82	0.0				30 - 150	30
% TCMX (Surrogate Rec)	78	77	78	1.3				30 - 150	30

Comment:

* For PCBs, MS and MSD could not be reported due to PCB in the un-spiked sample.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference

LCS - Laboratory Control Sample

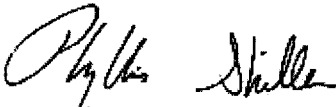
LCSD - Laboratory Control Sample Duplicate

MS - Matrix Spike

MS Dup - Matrix Spike Duplicate

NC - No Criteria

Intf - Interference


Phyllis Shiller, Laboratory Director
March 04, 2013

Monday, March 04, 2013
Requested Criteria: None
State: CT

Sample Criteria Exceedences Report

GBD39000 - FOPCBTR

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL	Analysis Units
*** No Data to Display ***								

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Reasonable Confidence Protocol Laboratory Analysis QA/QC Certification Form

Laboratory Name: Phoenix Environmental Labs, Inc. **Client:** F&OPCBTR

Project Location: CENTRAL HIGH SCHOOL **Project Number:**

Laboratory Sample ID(s): BD39000, BD39001, BD39002, BD39003, BD39004, BD39005, BD39006, BD39007, BD39008, BD39009

Sampling Date(s): 2/6/2013, 2/7/2013

RCP Methods Used:

☐ 1311/1312 ☐ 6010 ☐ 7000 ☐ 7196 ☐ 7470/7471 ☐ 8081 ☐ EPH ☐ TO15
☒ 8082 ☐ 8151 ☐ 8260 ☐ 8270 ☐ ETPH ☐ 9010/9012 ☐ VPH

1.	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1a.	Were the method specified preservation and holding time requirements met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1b.	EPH and VPH methods only: Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA
2.	Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3.	Were samples received at an appropriate temperature (< 6 Degrees C)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
4.	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5a.	Were reporting limits specified or referenced on the chain-of-custody?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5b.	Were these reporting limits met?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA
6.	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
7.	Are project-specific matrix spikes and laboratory duplicates included in the data set?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA

Note: For all questions to which the response was "No" (with the exception of question #5a, #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence".

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized
Signature:



Date: Monday, March 04, 2013

Printed Name: Rashmi Makol

Position: Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

March 04, 2013

SDG I.D.: GBD39000

Not all requested reporting levels were achieved due to the presence of target and non target compounds.

PCB Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Au-ecd8 02/27/13-1 (BD39000, BD39004, BD39005, BD39006, BD39007, BD39009)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner

Position: Chemist

Date: 2/27/2013

Instrument: Au-ecd8 02/28/13-1 (BD39008)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner

Position: Chemist

Date: 2/28/2013

QC Comments: QC Batch 222094 02/26/13 (BD39000, BD39001)

* For PCBs, MS and MSD could not be reported due to PCB in the un-spiked sample.

QC Comments: QC Batch 222095 02/26/13 (BD39002, BD39003, BD39004, BD39005, BD39006, BD39007, BD39008, BD39009)

* For PCBs, MS and MSD could not be reported due to PCB in the un-spiked sample.



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

March 04, 2013

SDG I.D.: GBD39000

QC (Site Specific)

———— Sample No: BD39009, QA/QC Batch: 222095 ————

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

A matrix effect is suspected when a MS/MSD recovery is outside of criteria. No further action is required if LCS/LCSD compounds are within criteria.

QC (Batch Specific)

———— Sample No: BD38987, QA/QC Batch: 222094 ————

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

Temperature Narration

The samples were received at 6C with cooling initiated.
(Note acceptance criteria is above freezing up to 6°C)



FUSS & O'NEILL

Disciplines to Deliver

(860) 646-2469 • www.FandO.com

- ☐ 146 Hartford Road, Manchester, CT 06040
☒ 56 Quarry Road, Trumbull, CT 06611
☐ 1419 Richland Street, Columbia, SC 29201
☐ 78 Interstate Drive, West Springfield, MA 01089

- ☐ 50 Redfield Street, Suite 100, Boston, MA 02122
☐ 275 Promenade Street, Suite 350, Providence, RI 02908
☐ 80 Washington Street, Suite 301, Poughkeepsie, NY 12601

CHAIN-OF-CUSTODY RECORD 26025

PROJECT NAME

Central Highschool

PROJECT LOCATION

Bridgeport, CT

PROJECT NUMBER

20110793.A2E

LABORATORY

Phoenix

REPORT TO: Kevin McElroy / Karen Redfield

Analysis Request

Containers

INVOICE TO:

P.O. No.: 20110793.A2E

Sampler's Signature: *James Blum*

Date: 2/13/13

Source Codes:

MW=Monitoring Well

PW=Portable Water

S=Soil

W=Waste

SW=Surface Water

T=Treatment Facility

B=Sediment

A=Air

X=Other adjacent ground surfaces (soil, concrete, asphalt)

Item No.	Transfer Check				Sample Number	Source Code	Date Sampled	Time Sampled
	1	2	3	4				
206	✓	✓			-ECC-AG-Soil-206	X	2/17/13	2:50
207	✓	✓			-ECC-AG-Soil-207	X	2/17/13	2:52
208	✓	✓			-ECC-AG-Soil-208	X	2/17/13	2:54
209	✓	✓			-ECC-AG-Soil-209	X	2/17/13	2:56
210	✓	✓			-ECC-AG-Soil-210	X	2/17/13	2:58
211	✓	✓			-ECC-AG-Soil-211	X	2/17/13	3:00
212	✓	✓			-ECC-AG-Soil-212	X	2/17/13	3:02
213	✓	✓			-ECC-AG-Soil-213	X	2/17/13	3:04
214	✓	✓			-ECC-AG-Soil-214	X	2/17/13	3:06
215	✓	✓			-ECC-AG-Soil-215	X	2/17/13	3:08

Analysis Request	Containers									
	Soil VOA Vial [] mechanical	Glass Soil Container (4) oz	Water VOA Vial [] As is [] HCl	Glass Amber [] As is [] HCl	Water VOA Vial [] As is [] HCl	Other	Plastic - HNO ₃ , 250 ml	Plastic - H ₂ SO ₄ , 250 ml	Plastic - NaOH, 250 ml	Comments
PCB, SS, H ₂ O ₂ / 8082										Composite
										Composite
										Composite
										Composite
										Composite
										Composite

Transfer Number	Relinquished By	Accepted By	Date	Time	Reporting and Detection Limit Requirements:
1	J Blum	F to Fridge	2/13/13	10:23	Composite samples < 0.5 ppm
2	F to Fridge	J Blum	2/22/13	11:03	Additional Comments: Composite! ECC-AG-Soil-206 to 207 / Soil-208 to 209 / Soil-210 to 211 / Soil-212 to 213 /
3	J Blum	Kalish G.	2/22/13	11:03	Soil 214 to 215
4	Kalish G.	Kalish G.	2/22/13	11:57	



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

05/06/13
05/09/13

Time

14:05
14:14

Laboratory Data

SDG ID: GBD69913
Phoenix ID: BD69913

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-CONCRETE-03A-04A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	92		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/09/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1248	1.1	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/13/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	85	%	05/13/13	AW	30 - 150 %
% TCMX	88	%	05/13/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD69913

Client ID: 201305021203-ECC-AG-CONCRETE-03A-04A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

05/06/13
05/09/13

Time

8:48
14:14

Laboratory Data

SDG ID: GBD69913
Phoenix ID: BD69914

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-05A-06A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	87		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/09/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1221	ND	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1232	ND	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1242	ND	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1248	1.2	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1254	ND	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1260	ND	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1262	ND	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1268	ND	0.19	mg/kg	05/13/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	84	%	05/13/13	AW	30 - 150 %
% TCMX	90	%	05/13/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-05A-06A

Phoenix I.D.: BD69914

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

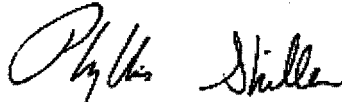
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

05/06/13
05/09/13

Time

8:52
14:14

Laboratory Data

SDG ID: GBD69913
Phoenix ID: BD69915

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-07A-08A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	89		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/09/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1248	*	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1254	*	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/14/13	AW	3540C/8082
Total PCBs	1.8	0.18	mg/kg	05/14/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	106	%	05/14/13	AW	30 - 150 %
% TCMX	89	%	05/14/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-07A-08A

Phoenix I.D.: BD69915

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

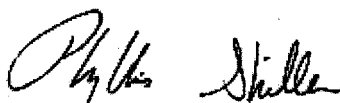
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1248 and 1254.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

05/06/13
05/09/13

Time

8:56
14:14

Laboratory Data

SDG ID: GBD69913
Phoenix ID: BD69916

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-09A-10A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	89		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/09/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1248	1.4	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/13/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	101	%	05/13/13	AW	30 - 150 %
% TCMX	68	%	05/13/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-09A-10A

Phoenix I.D.: BD69916

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date Time
05/06/13 9:00
05/09/13 14:14

Laboratory Data

SDG ID: GBD69913
Phoenix ID: BD69917

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-11A-12A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	91		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/09/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1248	0.6	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/13/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	90	%	05/13/13	AW	30 - 150 %
% TCMX	77	%	05/13/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-11A-12A

Phoenix I.D.: BD69917

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------


RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

05/06/13
05/09/13

Time

9:04
14:14

Laboratory Data

SDG ID: GBD69913
Phoenix ID: BD69918

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-13A-14A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	91		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/09/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1248	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/13/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	60	%	05/13/13	AW	30 - 150 %
% TCMX	77	%	05/13/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-13A-14A

Phoenix I.D.: BD69918

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

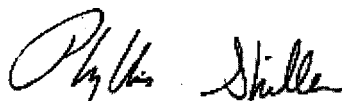
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045

Tel. (860) 645-1102

Fax (860) 645-0823

Analysis Report

May 16, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

05/06/13

05/09/13

Time

9:08

14:14

Laboratory Data

SDG ID: GBD69913

Phoenix ID: BD69919

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-15A-16A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	94		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/09/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1248	0.38	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/13/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	86		%	05/13/13	AW	30 - 150 %
% TCMX	80		%	05/13/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-15A-16A

Phoenix I.D.: BD69919

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date Time

05/06/13 9:12
05/09/13 14:14

Laboratory Data

SDG ID: GBD69913
Phoenix ID: BD69920

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-17A-18A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	92		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/09/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1248	1	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/13/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	86	%	05/13/13	AW	30 - 150 %
% TCMX	88	%	05/13/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-17A-18A

Phoenix I.D.: BD69920

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

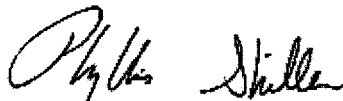
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

Time

05/06/13 9:16
05/09/13 14:14

Laboratory Data

SDG ID: GBD69913
Phoenix ID: BD69921

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-19A-20A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	92		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/09/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1248	0.53	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/13/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	98	%	05/13/13	AW	30 - 150 %
% TCMX	82	%	05/13/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-19A-20A

Phoenix I.D.: BD69921

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

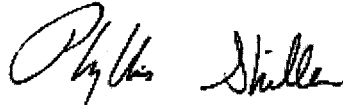
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

05/06/13
05/09/13

Time

9:20
14:14

Laboratory Data

SDG ID: GBD69913
Phoenix ID: BD69922

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-21A-22A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	88		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/09/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1248	2.2	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/13/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	94	%	05/13/13	AW	30 - 150 %
% TCMX	77	%	05/13/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-21A-22A

Phoenix I.D.: BD69922

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------


RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

May 16, 2013

QA/QC Data

SDG I.D.: GBD69913

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 229810, QC Sample No: BD69917 (BD69913, BD69914, BD69915, BD69916, BD69917, BD69918, BD69919, BD69920, BD69921, BD69922)									
Polychlorinated Biphenyls - Solid									
PCB-1016	ND	79	89	11.9	96	93	3.2	40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	75	82	8.9	92	90	2.2	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	92	86	92	6.7	88	85	3.5	30 - 150	30
% TCMX (Surrogate Rec)	79	75	90	18.2	85	81	4.8	30 - 150	30

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference

LCS - Laboratory Control Sample

LCSD - Laboratory Control Sample Duplicate

MS - Matrix Spike

MS Dup - Matrix Spike Duplicate

NC - No Criteria

Intf - Interference

Phyllis Shiller, Laboratory Director
May 16, 2013

Thursday, May 16, 2013

Requested Criteria: None

State: CT

SampNo Acode Phoenix Analyte

Criteria

Result

RL

Criteria

RL Criteria

Analysis Units

Sample Criteria Exceedences Report

GBD69913 - FOPCBTR

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Reasonable Confidence Protocol Laboratory Analysis QA/QC Certification Form

Laboratory Name: Phoenix Environmental Labs, Inc. **Client:** F&OPCBTR

Project Location: CENTRAL HIGH SCHOOL **Project Number:**

Laboratory Sample ID(s): BD69913, BD69914, BD69915, BD69916, BD69917, BD69918, BD69919, BD69920, BD69921, BD69922

Sampling Date(s): 5/6/2013

RCP Methods Used:

☐ 1311/1312 ☐ 6010 ☐ 7000 ☐ 7196 ☐ 7470/7471 ☐ 8081 ☐ EPH ☐ TO15
☒ 8082 ☐ 8151 ☐ 8260 ☐ 8270 ☐ ETPH ☐ 9010/9012 ☐ VPH

1.	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1a.	Were the method specified preservation and holding time requirements met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1b.	EPH and VPH methods only: Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA
2.	Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3.	Were samples received at an appropriate temperature (< 6 Degrees C)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
4.	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5a.	Were reporting limits specified or referenced on the chain-of-custody?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5b.	Were these reporting limits met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
6.	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
7.	Are project-specific matrix spikes and laboratory duplicates included in the data set?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA

Note: For all questions to which the response was "No" (with the exception of question #5a, #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence".

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized
Signature:

Kathleen Cressia

Date: Thursday, May 16, 2013

Printed Name: Kathleen Cressia

Position: QA/QC Officer



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

May 16, 2013

SDG I.D.: GBD69913

PCB Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Au-ecd3 05/13/13-1 (BD69913, BD69914, BD69916, BD69917, BD69918, BD69919, BD69920, BD69921, BD69922)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 5/13/2013

Instrument: Au-ecd6 05/14/13-1 (BD69915)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 5/14/2013

QC (Site Specific)

———— Sample No: BD69917, QA/QC Batch: 229810 ————

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

All MS recoveries were within 40 - 140 with the following exceptions: None.

All MSD recoveries were within 40 - 140 with the following exceptions: None.

All MS/MSD RPDs were less than 30% with the following exceptions: None.

A matrix effect is suspected when a MS/MSD recovery is outside of criteria. No further action is required if LCS/LCSD compounds are within criteria.



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

May 16, 2013

SDG I.D.: GBD69913

Temperature Narration

The samples in this delivery group were received at 6°C.
(Note acceptance criteria is above freezing up to 6°C)



FUSS & O'NEILL

(860) 646-2469 • www.FandO.com

- ☐ 146 Hartford Road, Manchester, CT 06040
☒ 56 Quarry Road, Trumbull, CT 06611
☐ 1419 Richland Street, Columbia, SC 29201

- ☐ 78 Interstate Drive, West Springfield, MA 01089
☐ 317 Iron Horse Way, Suite 204, Providence, RI 02908
☐ 80 Washington Street, Suite 301, Poughkeepsie, NY

Other

60°C-IP

CHAIN-OF-CUSTODY RECORD 28395

PROJECT NAME

Central High School

PROJECT LOCATION

Bridgeport, CT

PROJECT NUMBER

20110793.A2E

LABORATORY

Phoenix

REPORT TO: Kevin McCarthy / Karen Redfield

Analysis Request

Containers

INVOICE TO:

P.O. No.: 20110793.A2E

Sampler's Signature: *Jessie Blum*

Date: 5-7-13

Source Codes:

MW=Monitoring Well PW=Potable Water T=Treatment Facility S=Soil B=Sediment

SW=Surface Water ST=Stormwater W=Waste A=Air C=Concrete

X=Other *Adjacent ground (soil, concrete)*

Item No.	Transfer Check				Sample Number	Source Code	Date Sampled	Time Sampled
	1	2	3	4				
1	✓	✓	✓	✓	-ECC-AG-concrete-03A	X	5-6-13	1400
2	✓	✓	✓	✓	-ECC-AG-concrete-04A	X	5-6-13	1405
3	✓	✓	✓	✓	-ECC-AG-soil-05A	X	5-2-13	845
4	✓	✓	✓	✓	-ECC-AG-soil-06A	X	5-2-13	848
5	✓	✓	✓	✓	-ECC-AG-soil-07A	X	5-2-13	850
6	✓	✓	✓	✓	-ECC-AG-soil-08A	X	5-2-13	852
7	✓	✓	✓	✓	-ECC-AG-soil-09A	X	5-2-13	854
8	✓	✓	✓	✓	-ECC-AG-soil-10A	X	5-2-13	856
9	✓	✓	✓	✓	-ECC-AG-soil-11A	X	5-2-13	858
10	✓	✓	✓	✓	-ECC-AG-soil-12A	X	5-2-13	900

Analysis Request									
Soil VOA Vial, □ methanol □ water □ Na(SO) ₂									
Glass VOA Vial, □ water □ Na(SO) ₂									
Other: □									
Water VOA Vial, □ As is □ HCl									
Glass Amber () ml □ As is □ H ₂ SO ₄									
Plastic - As is, □ 250 ml □ 500 □ 1000 ml									
Plastic - H ₂ SO ₄ , □ 250 ml □ 500 □ 1000 ml									
Plastic - HNO ₃ , 250 ml □ Filtered □ 0.45µ □ 1µ									
Plastic - NaOH, 250 ml									
Comments									
adjacent 12 inch down									
adjacent 12 inch down									

Transfer Number

Relinquished By

Accepted By

Date

Charge Exceptions: ☐ CT Tax Exempt ☐ QA/QC ☐ Other

Duplicates (Item Nos:)

1

J. Blum

F + O Fridge

5-8-13

1545

Reporting and Detection Limit Requirements: ☐ RCP Deliverables ☐ MCP CAM Cert.

2

F + O Fridge

B. Holbrook

5-9-13

1230

3

B. Holbrook

Thomas Dunbar

5-9-13

1235

4

Thomas Dunbar

H. Kynia

5-9-13

1414

Additional Comments: composite AG-concrete - 03A & 04A / soil - 05A & 06A

Composite AG samples - 03A & 04A / soil - 05A & 06A

soil - 07A & 08A / soil - 09A & 10A / soil - 11A & 12A



FUSS & O'NEILL

(860) 646-2469 • www.FandO.com

- ☐ 146 Hartford Road, Manchester, CT 06040
☒ 56 Quarry Road, Trumbull, CT 06611
☐ 1419 Richland Street, Columbia, SC 29201

- ☐ 78 Interstate Drive, West Springfield, MA 01089
☐ 317 Iron Horse Way, Suite 204, Providence, RI 02908
☐ 80 Washington Street, Suite 301, Poughkeepsie, NY

Other: _____

CHAIN-OF-CUSTODY RECORD 28396

PROJECT NAME

Central High School

PROJECT LOCATION

Bridgeport, CT

REPORT TO:

Kevin McCarthy / Karen Redfield

INVOICE TO:

P.O. No.: 20110793.A2E

Sampler's Signature: *Jorge Blum*

Date: 5-7-13

Source Codes:

MAW=Monitoring Well

PW=Potable Water

T=Treatment Facility

S=Soil

B=Sediment

SW=Surface Water

W=Waste

A=Air

C=Concrete

X=Other *Adjacent ground (soil, concrete)*

PROJECT NUMBER

20110793.A2E

LABORATORY

Phoenix

- ☐ 24-Hour* ☐ 72-Hour* ☐ Other _____ (days)
☐ 48-Hour* ☒ Standard (5 days) *Surcharge Applies

Analysis Request

Containers

Item No.	Transfer Check				Sample Number	Source Code	Date Sampled	Time Sampled	Analysis Request											
	1	2	3	4					PCBs	35402	18082	Soil VOA Vial, □ methanol	Soil VOA Vial, □ water	Other	Water VOA Vial, □ As is	Glass Amber () ml	Plastic - As is, □ 250 ml	Plastic - H ₂ SO ₄ , □ 250 ml	Plastic - HNO ₃ , □ 250 ml	Plastic - NaOH, □ 250 ml
11	✓				201305021203	X	5-2-13	902	✓											
12	✓					X	5-2-13	904	✓											
13	✓					X	5-2-13	906	✓											
14	✓					X	5-2-13	908	✓											
15	✓					X	5-2-13	910	✓											
16	✓					X	5-2-13	912	✓											
17	✓					X	5-2-13	914	✓											
18	✓					X	5-2-13	916	✓											
19	✓					X	5-2-13	918	✓											
20	✓					X	5-2-13	920	✓											

Comments

adjacent to each down

Transfer Number	Relinquished By	Accepted By	Date	Time	Charge Exceptions: <input type="checkbox"/> CT Tax Exempt <input type="checkbox"/> QA/QC <input type="checkbox"/> Other _____
1	J Blum	F to O Fridge	5-8-13	1550	_____ Duplicates _____ Blanks (item Nos: _____)
2	F to O Fridge	B. Hobbs	5-9	1230	Reporting and Detection Limit Requirements: <input type="checkbox"/> RCP Deliverables <input type="checkbox"/> MCP CAM Cert.
3	B. Hobbs	Theresa Linder	5-9-13	1235	Composite AG samples LOS ppm
4	Theresa Linder	K. D. D. D.	5-9-13	14:14	Additional Comments: Composite ECC-AG-Soil-13A & 14A / Soil-13A & 16A / Soil-17A & 18A / Soil-19A & 20A / Soil-21A & 22A



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2013

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: JB
Received by: LB
Analyzed by: see "By" below

Date

05/02/13
05/09/13

Time

9:24
14:14

Laboratory Data

SDG ID: GBD69923
Phoenix ID: BD69923

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203 ECC-AG-SOIL-23A 24 A COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	88		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/09/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1248	0.23	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/13/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	98	%	05/13/13	AW	30 - 150 %
% TCMX	75	%	05/13/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD69923

Client ID: 201305021203 ECC-AG-SOIL-23A 24 A COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------


RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2013

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: JB
Received by: LB
Analyzed by: see "By" below

Date

05/02/13
05/09/13

Time

9:34
14:14

Laboratory Data

SDG ID: GBD69923
Phoenix ID: BD69924

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203 ECC-AG-SOIL-25A 26A COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	85		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/09/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.2	mg/kg	05/13/13	AW	3540C/8082
PCB-1221	ND	0.2	mg/kg	05/13/13	AW	3540C/8082
PCB-1232	ND	0.2	mg/kg	05/13/13	AW	3540C/8082
PCB-1242	ND	0.2	mg/kg	05/13/13	AW	3540C/8082
PCB-1248	0.52	0.2	mg/kg	05/13/13	AW	3540C/8082
PCB-1254	ND	0.2	mg/kg	05/13/13	AW	3540C/8082
PCB-1260	ND	0.2	mg/kg	05/13/13	AW	3540C/8082
PCB-1262	ND	0.2	mg/kg	05/13/13	AW	3540C/8082
PCB-1268	ND	0.2	mg/kg	05/13/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	99	%	05/13/13	AW	30 - 150 %
% TCMX	72	%	05/13/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD69924

Client ID: 201305021203 ECC-AG-SOIL-25A 26A COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

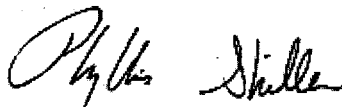
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2013

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: JB
Received by: LB
Analyzed by: see "By" below

Date

05/02/13
05/09/13

Time

9:36
14:14

Laboratory Data

SDG ID: GBD69923
Phoenix ID: BD69925

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203 ECC-AG-SOIL-27A 28A COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	87		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/09/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1221	ND	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1232	ND	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1242	ND	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1248	0.48	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1254	ND	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1260	ND	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1262	ND	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1268	ND	0.19	mg/kg	05/13/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	88	%	05/13/13	AW	30 - 150 %
% TCMX	76	%	05/13/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD69925

Client ID: 201305021203 ECC-AG-SOIL-27A 28A COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

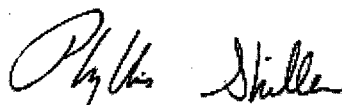
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2013

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: JB
Received by: LB
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
05/02/13	9:40
05/09/13	14:14

Laboratory Data

SDG ID: GBD69923
Phoenix ID: BD69926

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203 ECC-AG-SOIL-29A 30A COMP

<u>Parameter</u>	<u>Result</u>	<u>RL/ PQL</u>	<u>Units</u>	<u>Date/Time</u>	<u>By</u>	<u>Reference</u>
Percent Solid	93		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/09/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.17	mg/kg	05/13/13	AW	3540C/8082
PCB-1221	ND	0.17	mg/kg	05/13/13	AW	3540C/8082
PCB-1232	ND	0.17	mg/kg	05/13/13	AW	3540C/8082
PCB-1242	ND	0.17	mg/kg	05/13/13	AW	3540C/8082
PCB-1248	1.3	0.17	mg/kg	05/13/13	AW	3540C/8082
PCB-1254	ND	0.17	mg/kg	05/13/13	AW	3540C/8082
PCB-1260	ND	0.17	mg/kg	05/13/13	AW	3540C/8082
PCB-1262	ND	0.17	mg/kg	05/13/13	AW	3540C/8082
PCB-1268	ND	0.17	mg/kg	05/13/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	97	%	05/13/13	AW	30 - 150 %
% TCMX	86	%	05/13/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD69926

Client ID: 201305021203 ECC-AG-SOIL-29A 30A COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

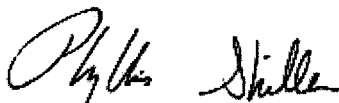
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2013

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: JB
Received by: LB
Analyzed by: see "By" below

Date

05/02/13
05/09/13

Time

9:44
14:14

Laboratory Data

SDG ID: GBD69923
Phoenix ID: BD69927

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203 ECC-AG-SOIL-31A 32A COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	89		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/09/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1248	1.4	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/14/13	PL	3540C/8082

QA/QC Surrogates

% DCBP	100	%	05/14/13	PL	30 - 150 %
% TCMX	77	%	05/14/13	PL	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD69927

Client ID: 201305021203 ECC-AG-SOIL-31A 32A COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

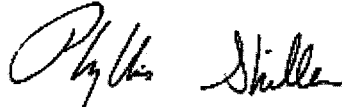
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2013

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: JB
Received by: LB
Analyzed by: see "By" below

Date

05/02/13
05/09/13

Time

9:48
14:14

Laboratory Data

SDG ID: GBD69923
Phoenix ID: BD69928

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203 ECC-AG-SOIL-33A 34A COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	87		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/09/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.19	mg/kg	05/14/13	PL	3540C/8082
PCB-1221	ND	0.19	mg/kg	05/14/13	PL	3540C/8082
PCB-1232	ND	0.19	mg/kg	05/14/13	PL	3540C/8082
PCB-1242	ND	0.19	mg/kg	05/14/13	PL	3540C/8082
PCB-1248	1.6	0.19	mg/kg	05/14/13	PL	3540C/8082
PCB-1254	ND	0.19	mg/kg	05/14/13	PL	3540C/8082
PCB-1260	ND	0.19	mg/kg	05/14/13	PL	3540C/8082
PCB-1262	ND	0.19	mg/kg	05/14/13	PL	3540C/8082
PCB-1268	ND	0.19	mg/kg	05/14/13	PL	3540C/8082

QA/QC Surrogates

% DCBP	89	%	05/14/13	PL	30 - 150 %
% TCMX	87	%	05/14/13	PL	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD69928

Client ID: 201305021203 ECC-AG-SOIL-33A 34A COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------


RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2013

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: JB
Received by: LB
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
05/02/13	9:50
05/09/13	14:14

Laboratory Data

SDG ID: GBD69923
Phoenix ID: BD69929

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203 ECC-AG-SOIL-35A 36A COMP

<u>Parameter</u>	<u>Result</u>	<u>RL/ PQL</u>	<u>Units</u>	<u>Date/Time</u>	<u>By</u>	<u>Reference</u>
Percent Solid	87		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/09/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.19	mg/kg	05/14/13	PL	3540C/8082
PCB-1221	ND	0.19	mg/kg	05/14/13	PL	3540C/8082
PCB-1232	ND	0.19	mg/kg	05/14/13	PL	3540C/8082
PCB-1242	ND	0.19	mg/kg	05/14/13	PL	3540C/8082
PCB-1248	0.6	0.19	mg/kg	05/14/13	PL	3540C/8082
PCB-1254	ND	0.19	mg/kg	05/14/13	PL	3540C/8082
PCB-1260	ND	0.19	mg/kg	05/14/13	PL	3540C/8082
PCB-1262	ND	0.19	mg/kg	05/14/13	PL	3540C/8082
PCB-1268	ND	0.19	mg/kg	05/14/13	PL	3540C/8082

QA/QC Surrogates

% DCBP	91	%	05/14/13	PL	30 - 150 %
% TCMX	76	%	05/14/13	PL	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD69929

Client ID: 201305021203 ECC-AG-SOIL-35A 36A COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

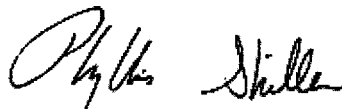
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2013

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: JB
Received by: LB
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
05/02/13	9:52
05/09/13	14:14

Laboratory Data

SDG ID: GBD69923
Phoenix ID: BD69930

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203 ECC-AG-SOIL-37A 38 A COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	87		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/09/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	1.9	mg/kg	05/14/13	PL	3540C/8082
PCB-1221	ND	1.9	mg/kg	05/14/13	PL	3540C/8082
PCB-1232	ND	1.9	mg/kg	05/14/13	PL	3540C/8082
PCB-1242	ND	1.9	mg/kg	05/14/13	PL	3540C/8082
PCB-1248	3.6	1.9	mg/kg	05/14/13	PL	3540C/8082
PCB-1254	ND	1.9	mg/kg	05/14/13	PL	3540C/8082
PCB-1260	ND	1.9	mg/kg	05/14/13	PL	3540C/8082
PCB-1262	ND	1.9	mg/kg	05/14/13	PL	3540C/8082
PCB-1268	ND	1.9	mg/kg	05/14/13	PL	3540C/8082

QA/QC Surrogates

% DCBP	Diluted Out	%	05/14/13	PL	30 - 150 %
% TCMX	Diluted Out	%	05/14/13	PL	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD69930

Client ID: 201305021203 ECC-AG-SOIL-37A 38 A COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

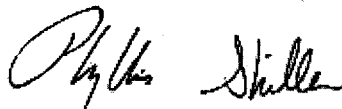
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2013

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: JB
Received by: LB
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
05/02/13	9:56
05/09/13	14:14

Laboratory Data

SDG ID: GBD69923
Phoenix ID: BD69931

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203 ECC-AG-SOIL-39A 40 A COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	85		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/09/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	2	mg/kg	05/14/13	PL	3540C/8082
PCB-1221	ND	2	mg/kg	05/14/13	PL	3540C/8082
PCB-1232	ND	2	mg/kg	05/14/13	PL	3540C/8082
PCB-1242	ND	2	mg/kg	05/14/13	PL	3540C/8082
PCB-1248	4.3	2	mg/kg	05/14/13	PL	3540C/8082
PCB-1254	ND	2	mg/kg	05/14/13	PL	3540C/8082
PCB-1260	ND	2	mg/kg	05/14/13	PL	3540C/8082
PCB-1262	ND	2	mg/kg	05/14/13	PL	3540C/8082
PCB-1268	ND	2	mg/kg	05/14/13	PL	3540C/8082

QA/QC Surrogates

% DCBP	Diluted Out	%	05/14/13	PL	30 - 150 %
% TCMX	Diluted Out	%	05/14/13	PL	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD69931

Client ID: 201305021203 ECC-AG-SOIL-39A 40 A COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------


RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2013

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: JB
Received by: LB
Analyzed by: see "By" below

Date

05/02/13
05/09/13

Time

10:00
14:14

Laboratory Data

SDG ID: GBD69923
Phoenix ID: BD69932

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203 ECC-AG-SOIL-41A 42A COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	92		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/09/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1248	0.91	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/14/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	84	%	05/14/13	AW	30 - 150 %
% TCMX	69	%	05/14/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD69932

Client ID: 201305021203 ECC-AG-SOIL-41A 42A COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

May 16, 2013

QA/QC Data

SDG I.D.: GBD69923

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 229810, QC Sample No: BD69917 (BD69923, BD69924, BD69925, BD69926, BD69927, BD69928, BD69929, BD69930, BD69931, BD69932)									
Polychlorinated Biphenyls - Solid									
PCB-1016	ND	79	89	11.9	96	93	3.2	40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	75	82	8.9	92	90	2.2	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	92	86	92	6.7	88	85	3.5	30 - 150	30
% TCMX (Surrogate Rec)	79	75	90	18.2	85	81	4.8	30 - 150	30

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference

LCS - Laboratory Control Sample

LCSD - Laboratory Control Sample Duplicate

MS - Matrix Spike

MS Dup - Matrix Spike Duplicate

NC - No Criteria

Intf - Interference

Phyllis Shiller, Laboratory Director

May 16, 2013

Sample Criteria Exceedences Report

GBD69923 - FOPCBTR

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL	Analysis Units
--------	-------	-----------------	----------	--------	----	----------	----	----------------

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Reasonable Confidence Protocol Laboratory Analysis QA/QC Certification Form

Laboratory Name: Phoenix Environmental Labs, Inc. **Client:** F&OPCBTR

Project Location: CENTRAL HIGH SCHOOL **Project Number:**

Laboratory Sample ID(s): BD69923, BD69924, BD69925, BD69926, BD69927, BD69928, BD69929, BD69930, BD69931, BD69932

Sampling Date(s): 5/2/2013

RCP Methods Used:

☐ 1311/1312 ☐ 6010 ☐ 7000 ☐ 7196 ☐ 7470/7471 ☐ 8081 ☐ EPH ☐ TO15
☒ 8082 ☐ 8151 ☐ 8260 ☐ 8270 ☐ ETPH ☐ 9010/9012 ☐ VPH

1.	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1a.	Were the method specified preservation and holding time requirements met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1b.	EPH and VPH methods only: Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA
2.	Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3.	Were samples received at an appropriate temperature (< 6 Degrees C)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
4.	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5a.	Were reporting limits specified or referenced on the chain-of-custody?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5b.	Were these reporting limits met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
6.	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
7.	Are project-specific matrix spikes and laboratory duplicates included in the data set?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA

Note: For all questions to which the response was "No" (with the exception of question #5a, #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence".

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized
Signature:

Kathleen Cressia

Date: Thursday, May 16, 2013

Printed Name: Kathleen Cressia

Position: QA/QC Officer



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

May 16, 2013

SDG LD.: GBD69923

PCB Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Au-ecd24 05/14/13-1 (BD69930, BD69931, BD69932)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 5/14/2013

Instrument: Au-ecd3 05/13/13-1 (BD69923, BD69924, BD69925, BD69926)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 5/13/2013

Instrument: Au-ecd3 05/15/13-1 (BD69927, BD69928, BD69929)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 5/15/2013



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

May 16, 2013

SDG I.D.: GBD69923

QC (Batch Specific)

———— Sample No: BD69917, QA/QC Batch: 229810 ————

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

Temperature Narration

The samples were received at 6C with cooling initiated.
(Note acceptance criteria is above freezing up to 6°C)



FUSS & O'NEILL

(860) 646-2469 • www.FandO.com

- ☐ 146 Hartford Road, Manchester, CT 06040
☒ 317 Iron Horse Way, Suite 204, Providence, RI 02908
☐ 80 Washington Street, Suite 301, Poughkeepsie, NY

- ☐ 78 Interstate Drive, West Springfield, MA 01089
☐ 317 Iron Horse Way, Suite 204, Providence, RI 02908
☐ 80 Washington Street, Suite 301, Poughkeepsie, NY

☐ Other

CHAIN-OF-CUSTODY RECORD 28397

PROJECT NAME

Central High School

PROJECT LOCATION

Bridgeport, CT

REPORT TO:

Kevin McCarthy / Karren Redfield

INVOICE TO:

P.O. No.: 20110793.A2E

Sampler's Signature: *Joe Blum*

Date: 5-7-13

Source Codes:

MW=Monitoring Well
SW=Surface Water

PW=Potable Water
ST=Stormwater

T=Treatment Facility
W=Waste

S=Soil
C=Concrete

X=Other Adjacent Road (soil, concrete)

PROJECT NUMBER

2010793.A2E

LABORATORY

Phoenix

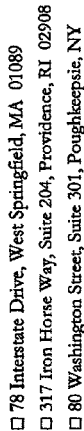
Analysis Request

Containers

Soil VOA Vial, □ methanol	Soil VOA Vial, □ water	Other	Water VOA Vial, □ Asite	Glass Amber () ml, □ Asite	Plastic - Asite, □ 250 ml	Plastic - H ₂ SO ₄ , □ 250 ml	Plastic - HNO ₃ , □ 250 ml	Plastic - NaOH, 250 ml	Plastic - □ 10% □ 0.45% □ 10% □ 0.45% □ 10%
Soil VOA Vial, □ water	Other	Water VOA Vial, □ Asite	Glass Amber () ml, □ Asite	Plastic - Asite, □ 250 ml	Plastic - H ₂ SO ₄ , □ 250 ml	Plastic - HNO ₃ , □ 250 ml	Plastic - NaOH, 250 ml	Plastic - □ 10% □ 0.45% □ 10% □ 0.45% □ 10%	

Item No.	Transfer Check	Sample Number	Source Code	Date Sampled	Time Sampled	Comments
21	✓	201305021203	X	5-2-13	922	✓
22	✓	-ECC-AG-SOI-1-24A	X	5-2-13	924	✓
23	✓	-ECC-AG-SOI-1-24A	X	5-2-13	926	✓
24	✓	-ECC-AG-SOI-1-26A	X	5-2-13	928	✓
25	✓	-ECC-AG-SOI-1-27A	X	5-2-13	930	✓
26	✓	-ECC-AG-SOI-1-28A	X	5-2-13	932	✓
27	✓	-ECC-AG-SOI-1-29A	X	5-2-13	934	✓
28	✓	-ECC-AG-SOI-1-30A	X	5-2-13	936	✓
29	✓	-ECC-AG-SOI-1-31A	X	5-2-13	938	✓
30	✓	-ECC-AG-SOI-1-32A	X	5-2-13	940	✓

Transfer Number	Relinquished By	Accepted By	Date	Time	Charge Exceptions: <input type="checkbox"/> CIT Tax Exempt <input type="checkbox"/> QA/QC <input type="checkbox"/> Other
1	J. Blum	F to Frillge	5-8-13	1558	<input type="checkbox"/> Duplicates <input type="checkbox"/> Blanks (Item Nos:)
2	F to Frillge	B. Hobbins	5-9	1230	Reporting and Detection Limit Requirements: <input type="checkbox"/> RCP Deliverables <input type="checkbox"/> MCP CAM Cert.
3	B. Hobbins	Thommasen	5-9-13	1235	Additional Comments: Composite ECC-AG-SOI-1-23A & 24A / SOI-1-25A & 26A /
4	Thommasen	Thommasen	5-9-13	1414	SOI-1-27A & 28A / SOI-1-29A & 30A / SOI-1-31A & 32A



১৩৮

CHAIN-OF-CUSTODY RECORD 28400

20110798, A2E

Analysis Request

[illegible]

Charge Exceptions: ☐ CT Tax Exempt ☐ QA/QC ☐ Other

____ Duplicates _____ Blanks (Item NOS: _____)

Reporting and Detection Limit Requirements: ☐ RCP Deliverables ☐ MCP CAM Cert.

Composite AG samples 20.5 ppm

scil-37 A 38A / scil-39A 40A / scil-41A 42A



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

05/02/13
05/09/13

Time

10:04
14:14

Laboratory Data

SDG ID: GBD69933
Phoenix ID: BD69933

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-43A-44A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	90		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/09/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1248	0.48	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/14/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	95	%	05/14/13	AW	30 - 150 %
% TCMX	86	%	05/14/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-43A-44A

Phoenix I.D.: BD69933

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

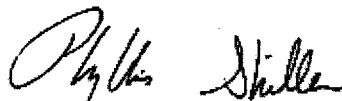
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date Time
05/02/13 10:08
05/09/13 14:14

Laboratory Data

SDG ID: GBD69933
Phoenix ID: BD69934

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-45A-46A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	87		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/09/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.19	mg/kg	05/14/13	AW	3540C/8082
PCB-1221	ND	0.19	mg/kg	05/14/13	AW	3540C/8082
PCB-1232	ND	0.19	mg/kg	05/14/13	AW	3540C/8082
PCB-1242	ND	0.19	mg/kg	05/14/13	AW	3540C/8082
PCB-1248	0.43	0.19	mg/kg	05/14/13	AW	3540C/8082
PCB-1254	ND	0.19	mg/kg	05/14/13	AW	3540C/8082
PCB-1260	ND	0.19	mg/kg	05/14/13	AW	3540C/8082
PCB-1262	ND	0.19	mg/kg	05/14/13	AW	3540C/8082
PCB-1268	ND	0.19	mg/kg	05/14/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	78	%	05/14/13	AW	30 - 150 %
% TCMX	68	%	05/14/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-45A-46A

Phoenix I.D.: BD69934

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date Time
05/02/13 10:12
05/09/13 14:14

Laboratory Data

SDG ID: GBD69933
Phoenix ID: BD69935

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-47A-48A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	93		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/09/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.17	mg/kg	05/14/13	AW	3540C/8082
PCB-1221	ND	0.17	mg/kg	05/14/13	AW	3540C/8082
PCB-1232	ND	0.17	mg/kg	05/14/13	AW	3540C/8082
PCB-1242	ND	0.17	mg/kg	05/14/13	AW	3540C/8082
PCB-1248	0.5	0.17	mg/kg	05/14/13	AW	3540C/8082
PCB-1254	ND	0.17	mg/kg	05/14/13	AW	3540C/8082
PCB-1260	ND	0.17	mg/kg	05/14/13	AW	3540C/8082
PCB-1262	ND	0.17	mg/kg	05/14/13	AW	3540C/8082
PCB-1268	ND	0.17	mg/kg	05/14/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	83	%	05/14/13	AW	30 - 150 %
% TCMX	78	%	05/14/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-47A-48A

Phoenix I.D.: BD69935

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



FUSS & O'NEILL

(860) 646-2469 • www.FandO.com

- ☐ 146 Hartford Road, Manchester, CT 06040
☐ 56 Quarry Road, Trumbull, CT 06611
☐ 1419 Richland Street, Columbia, SC 29201

- ☐ 78 Interstate Drive, West Springfield, MA 01089
☐ 317 Iron Horse Way, Suite 204, Providence, RI 02908
☐ 80 Washington Street, Suite 301, Poughkeepsie, NY

☐ Other

CHAIN-OF-CUSTODY RECORD 27708

PROJECT NAME

Central Highschool

PROJECT LOCATION

Bridgeport, CT

PROJECT NUMBER

20110793.A2.E

LABORATORY

Phoenix

REPORT TO: Kevin McCarthy / Karren Redfield		Analysis Request		
INVOICE TO:				
P.O. NO.: 20110793.A2.E				
Sampler's Signature: <i>Jane Blum</i>		Date: 5-8-13		
Source Codes:				
MW=Monitoring Well	PW=Portable Water	T=Treatment Facility	S=Soil	
SW=Surface Water	ST=Stormwater	W=Waste	A=Air	
			C=Concrete	
X=Other <i>Adjacent ground (soil, concrete)</i>				
Item No.	Transfer Check	Sample Number	Date Sampled	Time Sampled
1	2	3	4	
41	✓	-ECC-AG-soil-43A	5-2-13	1002
42	✓	-ECC-AG-soil-44A	5-2-13	1004
43	✓	-ECC-AG-soil-45A	5-2-13	1006
44	✓	-ECC-AG-soil-46A	5-2-13	1008
45	✓	-ECC-AG-soil-47A	5-2-13	1010
46	✓	-ECC-AG-soil-48A	5-2-13	1012
47	✓	-ECC-AG-soil-106A	5-2-13	900
48	✓	-ECC-AG-soil-107A	5-3-13	902
49	✓	-ECC-AG-soil-108A	5-3-13	904
50	✓	-ECC-AG-soil-109A	5-3-13	906

Transfer Number	Relinquished By	Accepted By	Date	Time
1	J Blum	F to Fridge	5-8-13	1615
2	F to Fridge	B to Blum	5-9	1230
3	B to Blum	Blum to Blum	5-9-13	1235
4	Blum to Blum	J Blum	5-9-13	1414

Charge Exceptions: ☐ CT/Tax Exempt ☐ QA/QC ☐ Other _____
____ Duplicates _____ Blanks (Item Nos: _____)
Reporting and Detection Limit Requirements: ☐ RCP Deliverables ☐ MCP CAM Cert.
Additional Comments: Composite AG samples L.O.S. ppm
Composite ECC samples ECC-AG-soil-43A-44A-45A-46A-47A-48A-49A-50A / soil-106A-107A-108A-109A



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date Time
05/02/13 9:02
05/09/13 14:14

Laboratory Data

SDG ID: GBD69933
Phoenix ID: BD69936

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-106A-107A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	93		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/09/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	1.7	mg/kg	05/14/13	PL	3540C/8082
PCB-1221	ND	1.7	mg/kg	05/14/13	PL	3540C/8082
PCB-1232	ND	1.7	mg/kg	05/14/13	PL	3540C/8082
PCB-1242	ND	1.7	mg/kg	05/14/13	PL	3540C/8082
PCB-1248	14	1.7	mg/kg	05/14/13	PL	3540C/8082
PCB-1254	ND	1.7	mg/kg	05/14/13	PL	3540C/8082
PCB-1260	ND	1.7	mg/kg	05/14/13	PL	3540C/8082
PCB-1262	ND	1.7	mg/kg	05/14/13	PL	3540C/8082
PCB-1268	ND	1.7	mg/kg	05/14/13	PL	3540C/8082

QA/QC Surrogates

% DCBP	Diluted Out	%	05/14/13	PL	30 - 150 %
% TCMX	Diluted Out	%	05/14/13	PL	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-106A-107A

Phoenix I.D.: BD69936

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------


RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

05/02/13
05/09/13

Time

9:06
14:14

Laboratory Data

SDG ID: GBD69933
Phoenix ID: BD69937

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-108A-109A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	95		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/09/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.87	mg/kg	05/14/13	PL	3540C/8082
PCB-1221	ND	0.87	mg/kg	05/14/13	PL	3540C/8082
PCB-1232	ND	0.87	mg/kg	05/14/13	PL	3540C/8082
PCB-1242	ND	0.87	mg/kg	05/14/13	PL	3540C/8082
PCB-1248	4.1	0.87	mg/kg	05/14/13	PL	3540C/8082
PCB-1254	ND	0.87	mg/kg	05/14/13	PL	3540C/8082
PCB-1260	ND	0.87	mg/kg	05/14/13	PL	3540C/8082
PCB-1262	ND	0.87	mg/kg	05/14/13	PL	3540C/8082
PCB-1268	ND	0.87	mg/kg	05/14/13	PL	3540C/8082

QA/QC Surrogates

% DCBP	106	%	05/14/13	PL	30 - 150 %
% TCMX	98	%	05/14/13	PL	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD69937

Client ID: 201305021203-ECC-AG-SOIL-108A-109A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
05/02/13	9:10
05/09/13	14:14

Laboratory Data

SDG ID: GBD69933
Phoenix ID: BD69938

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-110A-111A

<u>Parameter</u>	<u>Result</u>	<u>RL/ PQL</u>	<u>Units</u>	<u>Date/Time</u>	<u>By</u>	<u>Reference</u>
Percent Solid	95		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/09/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.85	mg/kg	05/14/13	PL	3540C/8082
PCB-1221	ND	0.85	mg/kg	05/14/13	PL	3540C/8082
PCB-1232	ND	0.85	mg/kg	05/14/13	PL	3540C/8082
PCB-1242	ND	0.85	mg/kg	05/14/13	PL	3540C/8082
PCB-1248	7.5	0.85	mg/kg	05/14/13	PL	3540C/8082
PCB-1254	ND	0.85	mg/kg	05/14/13	PL	3540C/8082
PCB-1260	ND	0.85	mg/kg	05/14/13	PL	3540C/8082
PCB-1262	ND	0.85	mg/kg	05/14/13	PL	3540C/8082
PCB-1268	ND	0.85	mg/kg	05/14/13	PL	3540C/8082

QA/QC Surrogates

% DCBP	105	%	05/14/13	PL	30 - 150 %
% TCMX	96	%	05/14/13	PL	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD69938

Client ID: 201305021203-ECC-AG-SOIL-110A-111A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

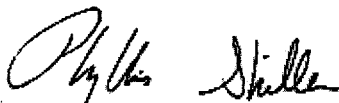
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
05/02/13	9:14
05/09/13	14:14

Laboratory Data

SDG ID: GBD69933
Phoenix ID: BD69939

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-112A-113A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	95		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/10/13	PP/k	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.17	mg/kg	05/14/13	PL	3540C/8082
PCB-1221	ND	0.17	mg/kg	05/14/13	PL	3540C/8082
PCB-1232	ND	0.17	mg/kg	05/14/13	PL	3540C/8082
PCB-1242	ND	0.17	mg/kg	05/14/13	PL	3540C/8082
PCB-1248	0.58	0.17	mg/kg	05/14/13	PL	3540C/8082
PCB-1254	ND	0.17	mg/kg	05/14/13	PL	3540C/8082
PCB-1260	ND	0.17	mg/kg	05/14/13	PL	3540C/8082
PCB-1262	ND	0.17	mg/kg	05/14/13	PL	3540C/8082
PCB-1268	ND	0.17	mg/kg	05/14/13	PL	3540C/8082

QA/QC Surrogates

% DCBP	82	%	05/14/13	PL	30 - 150 %
% TCMX	63	%	05/14/13	PL	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD69939

Client ID: 201305021203-ECC-AG-SOIL-112A-113A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

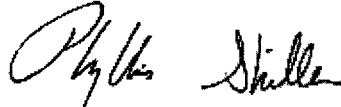
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

05/02/13
05/09/13

Time

9:18
14:14

Laboratory Data

SDG ID: GBD69933
Phoenix ID: BD69940

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-118A-119A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	91		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/10/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1248	*	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1254	*	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/14/13	AW	3540C/8082
Total PCBs	0.73	0.18	mg/kg	05/14/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	87	%	05/14/13	AW	30 - 150 %
% TCMX	80	%	05/14/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-118A-119A

Phoenix I.D.: BD69940

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

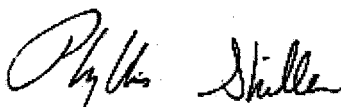
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclors of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1248 and 1254.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
05/02/13	9:22
05/09/13	14:14

Laboratory Data

SDG ID: GBD69933
Phoenix ID: BD69941

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-120A-121A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	92		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/10/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1248	1.1	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/14/13	PL	3540C/8082

QA/QC Surrogates

% DCBP	85	%	05/14/13	PL	30 - 150 %
% TCMX	74	%	05/14/13	PL	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD69941

Client ID: 201305021203-ECC-AG-SOIL-120A-121A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

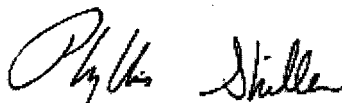
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
05/02/13	9:26
05/09/13	14:14

Laboratory Data

SDG ID: GBD69933
Phoenix ID: BD69942

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-122A-123A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	91		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/10/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.9	mg/kg	05/14/13	PL	3540C/8082
PCB-1221	ND	0.9	mg/kg	05/14/13	PL	3540C/8082
PCB-1232	ND	0.9	mg/kg	05/14/13	PL	3540C/8082
PCB-1242	ND	0.9	mg/kg	05/14/13	PL	3540C/8082
PCB-1248	2.2	0.9	mg/kg	05/14/13	PL	3540C/8082
PCB-1254	ND	0.9	mg/kg	05/14/13	PL	3540C/8082
PCB-1260	ND	0.9	mg/kg	05/14/13	PL	3540C/8082
PCB-1262	ND	0.9	mg/kg	05/14/13	PL	3540C/8082
PCB-1268	ND	0.9	mg/kg	05/14/13	PL	3540C/8082

QA/QC Surrogates

% DCBP	100	%	05/14/13	PL	30 - 150 %
% TCMX	80	%	05/14/13	PL	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-122A-123A

Phoenix I.D.: BD69942

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

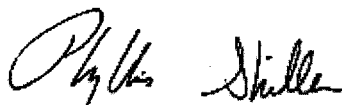
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

May 16, 2013

QA/QC Data

SDG I.D.: GBD69933

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 229820, QC Sample No: BD69935 (BD69933, BD69934, BD69935, BD69936, BD69937, BD69938, BD69939, BD69940, BD69941, BD69942)									
Polychlorinated Biphenyls									
PCB-1016		83	82	1.2				40 - 140	30
PCB-1221								40 - 140	30
PCB-1232								40 - 140	30
PCB-1242								40 - 140	30
PCB-1248								40 - 140	30
PCB-1254								40 - 140	30
PCB-1260		84	80	4.9				40 - 140	30
PCB-1262								40 - 140	30
PCB-1268								40 - 140	30
% DCBP (Surrogate Rec)		74	73	1.4				30 - 150	30
% TCMX (Surrogate Rec)		77	80	3.8				30 - 150	30

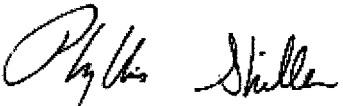
Comment:

Due to prep error, blank could not be reported for this batch

* The batch MS and MSD recoveries could not be calculated due to the presence of PCB in the unspiked sample. LCS/LCSD recoveries were within QA/QC limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference


Phyllis Shiller, Laboratory Director
May 16, 2013

Thursday, May 16, 2013
Requested Criteria: None
State: CT

Sample Criteria Exceedences Report

GBD69933 - FOPCBTR

Page 1 of 1

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL	Criteria	Analysis Units
--------	-------	-----------------	----------	--------	----	----------	----	----------	----------------

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Reasonable Confidence Protocol Laboratory Analysis QA/QC Certification Form

Laboratory Name: Phoenix Environmental Labs, Inc. **Client:** F&OPCBTR

Project Location: CENTRAL HIGH SCHOOL **Project Number:**

Laboratory Sample ID(s): BD69933, BD69934, BD69935, BD69936, BD69937, BD69938, BD69939, BD69940, BD69941, BD69942

Sampling Date(s): 5/2/2013

RCP Methods Used:

☐ 1311/1312 ☐ 6010 ☐ 7000 ☐ 7196 ☐ 7470/7471 ☐ 8081 ☐ EPH ☐ TO15
☒ 8082 ☐ 8151 ☐ 8260 ☐ 8270 ☐ ETPH ☐ 9010/9012 ☐ VPH

1.	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1a.	Were the method specified preservation and holding time requirements met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1b.	EPH and VPH methods only: Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA
2.	Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3.	Were samples received at an appropriate temperature (< 6 Degrees C)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
4.	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5a.	Were reporting limits specified or referenced on the chain-of-custody?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5b.	Were these reporting limits met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
6.	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
7.	Are project-specific matrix spikes and laboratory duplicates included in the data set?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA

Note: For all questions to which the response was "No" (with the exception of question #5a, #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence".

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized
Signature: _____

Kathleen Cressia

Date: Thursday, May 16, 2013

Printed Name: Kathleen Cressia

Position: QA/QC Officer



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

May 16, 2013

SDG LD.: GBD69933

PCB Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Au-ecd24 05/14/13-1 (BD69933, BD69934, BD69935, BD69936, BD69937, BD69938)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 5/14/2013

Instrument: Au-ecd3 05/15/13-1 (BD69939, BD69941)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 5/15/2013

Instrument: Au-ecd5 05/13/13-1 (BD69933)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 5/13/2013

Instrument: Au-ecd6 05/14/13-1 (BD69940, BD69942)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

May 16, 2013

SDG LD.: GBD69933

Printed Name Adam Werner
Position: Chemist
Date: 5/14/2013

QC Comments: QC Batch 229820 05/09/13 (BD69933, BD69934, BD69935, BD69936, BD69937, BD69938, BD69939, BD69940, BD69941, BD69942)

Due to prep error, blank could not be reported for this batch

* The batch MS and MSD recoveries could not be calculated due to the presence of PCB in the unspiked sample. LCS/LCSD recoveries were within QA/QC limits.

QC (Site Specific)

———— Sample No: BD69935, QA/QC Batch: 229820 ————

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

A matrix effect is suspected when a MS/MSD recovery is outside of criteria. No further action is required if LCS/LCSD compounds are within criteria.

Temperature Narration

The samples in this delivery group were received at 6°C.
(Note acceptance criteria is above freezing up to 6°C)



FUSS & O'NEILL

(860) 646-2469 • www.FandO.com

- ☐ 146 Hartford Road, Manchester, CT 06040
☒ 56 Quarry Road, Trumbull, CT 06611
☐ 1419 Richland Street, Columbia, SC 29201

- ☐ 78 Interstate Drive, West Springfield, MA 01089
☐ 317 Iron Horse Way, Suite 204, Providence, RI 02908
☐ 80 Washington Street, Suite 301, Poughkeepsie, NY

Other _____

CHAIN-OF-CUSTODY RECORD 27709

PROJECT NAME

Central Highschool

PROJECT LOCATION

Bridgeport, CT

REPORT TO: Kevin McCarthy / karron Redfield

INVOICE TO:

P.O. NO.: 20110793.A2E

Sampler's Signature: *[Signature]*

Date: 5-8-13

Source Codes:

MW=Monitoring Well PW=Potable Water T=Treatment Facility S=Soil B=Sediment
SW=Surface Water ST=Stormwater W=Waste A=Air C=Concrete

X=Other adjacent ground (soil, concrete)

PROJECT NUMBER

20110793.A2E

Analysis Request

LABORATORY

Phoenix

- ☐ 24-Hour* ☐ 72-Hour* ☐ Other _____ (days)
☐ 48-Hour* ☒ Standard (5 days) *Surcharge Applies

Containers

Item No.	Transfer Check				Sample Number	Source Code	Date Sampled	Time Sampled	Analysis Request									
	1	2	3	4					PCBs 3540 & 16282	Soil VOA Val. □ methanol	Soil VOA Val. □ water	Other □ Na ₂ SO ₄	Other □ HCl	Plastic - As ₂ S ₃ □ As ₂ S ₃ □ H ₂ SO ₄	Plastic - HNO ₃ □ 250 ml □ 500 ml □ 1000 ml	Plastic - NaOH, 250 ml □ 0.45% □ 10%	Comments	
51	✓	✓	✓	✓	- ECC-AG-soil-110A	X	5-3-13	908	✓	✓	✓	✓	✓	✓	✓	✓	adjacent 12 inches down	
52	✓	✓	✓	✓	- ECC-AG-soil-111A	X	5-3-13	910	✓	✓	✓	✓	✓	✓	✓	✓		
53	✓	✓	✓	✓	- ECC-AG-soil-112A	X	5-3-13	912	✓	✓	✓	✓	✓	✓	✓	✓		
54	✓	✓	✓	✓	- ECC-AG-soil-113A	X	5-3-13	914	✓	✓	✓	✓	✓	✓	✓	✓		
55	✓	✓	✓	✓	- ECC-AG-soil-118A	X	5-3-13	916	✓	✓	✓	✓	✓	✓	✓	✓		
56	✓	✓	✓	✓	- ECC-AG-soil-119A	X	5-3-13	918	✓	✓	✓	✓	✓	✓	✓	✓		
57	✓	✓	✓	✓	- ECC-AG-soil-120A	X	5-3-13	920	✓	✓	✓	✓	✓	✓	✓	✓		
58	✓	✓	✓	✓	- ECC-AG-soil-121A	X	5-3-13	922	✓	✓	✓	✓	✓	✓	✓	✓		
59	✓	✓	✓	✓	- ECC-AG-soil-122A	X	5-3-13	924	✓	✓	✓	✓	✓	✓	✓	✓		
60	✓	✓	✓	✓	- ECC-AG-soil-123A	X	5-3-13	926	✓	✓	✓	✓	✓	✓	✓	✓		

Transfer Number	Relinquished By	Accepted By	Date	Time	Charge Exceptions: <input type="checkbox"/> CT Tax Exempt <input type="checkbox"/> QA/QC <input type="checkbox"/> Other _____ _____ Duplicates _____ Blanks (Item Nos: _____)
1	J Blum	F to Fridge	5-8-13	1625	Reporting and Detection Limit Requirements: <input type="checkbox"/> RCP Deliverables <input type="checkbox"/> MCP CAM Cert.
2	F to Fridge	ASB	5-9-13	1230	composited AG samples < 0.5 ppm
3	ASB	Thomson	5-9-13	1235	Additional Comments: composite samples ECC-AG-soil-110A & 111A
4	Thomson	S. Dignio	5-9-13	1414	soil-112A & 113A / soil-118A & 119A / soil-120A & 121A / soil-122A & 123A



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2013

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: JB
Received by: LB
Analyzed by: see "By" below

Date

05/03/13
05/09/13

Time

9:30
14:14

Laboratory Data

SDG ID: GBD69943
Phoenix ID: BD69943

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203 ECC-AG-SOIL-124A 125A COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	91		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/13/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1248	1.7	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/14/13	PL	3540C/8082

QA/QC Surrogates

% DCBP	84	%	05/14/13	PL	30 - 150 %
% TCMX	71	%	05/14/13	PL	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD69943

Client ID: 201305021203 ECC-AG-SOIL-124A 125A COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2013

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: JB
Received by: LB
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
05/03/13	9:34
05/09/13	14:14

Laboratory Data

SDG ID: GBD69943
Phoenix ID: BD69944

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203 ECC-AG-SOIL-126A 127A COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	88		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/10/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.94	mg/kg	05/14/13	AW	3540C/8082
PCB-1221	ND	0.94	mg/kg	05/14/13	AW	3540C/8082
PCB-1232	ND	0.94	mg/kg	05/14/13	AW	3540C/8082
PCB-1242	ND	0.94	mg/kg	05/14/13	AW	3540C/8082
PCB-1248	3.6	0.94	mg/kg	05/14/13	AW	3540C/8082
PCB-1254	ND	0.94	mg/kg	05/14/13	AW	3540C/8082
PCB-1260	ND	0.94	mg/kg	05/14/13	AW	3540C/8082
PCB-1262	ND	0.94	mg/kg	05/14/13	AW	3540C/8082
PCB-1268	ND	0.94	mg/kg	05/14/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	97	%	05/14/13	AW	30 - 150 %
% TCMX	105	%	05/14/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD69944

Client ID: 201305021203 ECC-AG-SOIL-126A 127A COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2013

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: JB
Received by: LB
Analyzed by: see "By" below

Date

Time

05/03/13 9:38
05/09/13 14:14

Laboratory Data

SDG ID: GBD69943
Phoenix ID: BD69945

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203 ECC-AG-SOIL-128A 129A COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	93		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/10/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1248	0.82	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/13/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	90	%	05/13/13	AW	30 - 150 %
% TCMX	75	%	05/13/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD69945

Client ID: 201305021203 ECC-AG-SOIL-128A 129A COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2013

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: JB
Received by: LB
Analyzed by: see "By" below

Date

05/03/13
05/09/13

Time

9:42
14:14

Laboratory Data

SDG ID: GBD69943
Phoenix ID: BD69946

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203 ECC-AG-SOIL-130A 131A COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	89		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/10/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1221	ND	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1232	ND	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1242	ND	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1248	0.84	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1254	ND	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1260	ND	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1262	ND	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1268	ND	0.19	mg/kg	05/13/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	86	%	05/13/13	AW	30 - 150 %
% TCMX	79	%	05/13/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD69946

Client ID: 201305021203 ECC-AG-SOIL-130A 131A COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

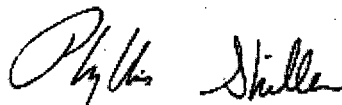
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2013

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: JB
Received by: LB
Analyzed by: see "By" below

Date

05/03/13
05/09/13

Time

9:46
14:14

Laboratory Data

SDG ID: GBD69943
Phoenix ID: BD69947

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203 ECC-AG-SOIL-132A 133 A COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	87		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/10/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1248	2.1	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/14/13	PL	3540C/8082

QA/QC Surrogates

% DCBP	97	%	05/14/13	PL	30 - 150 %
% TCMX	83	%	05/14/13	PL	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD69947

Client ID: 201305021203 ECC-AG-SOIL-132A 133 A COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

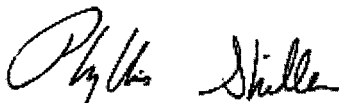
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2013

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: JB
Received by: LB
Analyzed by: see "By" below

Date Time

05/03/13 9:50
05/09/13 14:14

Laboratory Data

SDG ID: GBD69943
Phoenix ID: BD69948

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203 ECC-AG-SOIL-134A 135 A COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	87		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/10/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1221	ND	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1232	ND	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1242	ND	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1248	1.5	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1254	ND	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1260	ND	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1262	ND	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1268	ND	0.19	mg/kg	05/13/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	83	%	05/13/13	AW	30 - 150 %
% TCMX	64	%	05/13/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD69948

Client ID: 201305021203 ECC-AG-SOIL-134A 135 A COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

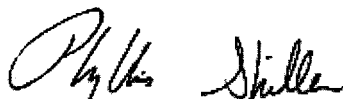
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2013

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: JB
Received by: LB
Analyzed by: see "By" below

Date

05/03/13
05/09/13

Time

9:54
14:14

Laboratory Data

SDG ID: GBD69943
Phoenix ID: BD69949

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203 ECC-AG-SOIL-136A 137 A COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	97		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/10/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.17	mg/kg	05/13/13	AW	3540C/8082
PCB-1221	ND	0.17	mg/kg	05/13/13	AW	3540C/8082
PCB-1232	ND	0.17	mg/kg	05/13/13	AW	3540C/8082
PCB-1242	ND	0.17	mg/kg	05/13/13	AW	3540C/8082
PCB-1248	1.3	0.17	mg/kg	05/13/13	AW	3540C/8082
PCB-1254	ND	0.17	mg/kg	05/13/13	AW	3540C/8082
PCB-1260	ND	0.17	mg/kg	05/13/13	AW	3540C/8082
PCB-1262	ND	0.17	mg/kg	05/13/13	AW	3540C/8082
PCB-1268	ND	0.17	mg/kg	05/13/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	91	%	05/13/13	AW	30 - 150 %
% TCMX	71	%	05/13/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD69949

Client ID: 201305021203 ECC-AG-SOIL-136A 137 A COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2013

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: JB
Received by: LB
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
05/03/13	9:58
05/09/13	14:14

Laboratory Data

SDG ID: GBD69943
Phoenix ID: BD69950

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203 ECC-AG-SOIL-138A 139A COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	82		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/10/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.2	mg/kg	05/13/13	AW	3540C/8082
PCB-1221	ND	0.2	mg/kg	05/13/13	AW	3540C/8082
PCB-1232	ND	0.2	mg/kg	05/13/13	AW	3540C/8082
PCB-1242	ND	0.2	mg/kg	05/13/13	AW	3540C/8082
PCB-1248	1.8	0.2	mg/kg	05/13/13	AW	3540C/8082
PCB-1254	ND	0.2	mg/kg	05/13/13	AW	3540C/8082
PCB-1260	ND	0.2	mg/kg	05/13/13	AW	3540C/8082
PCB-1262	ND	0.2	mg/kg	05/13/13	AW	3540C/8082
PCB-1268	ND	0.2	mg/kg	05/13/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	83	%	05/13/13	AW	30 - 150 %
% TCMX	67	%	05/13/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD69950

Client ID: 201305021203 ECC-AG-SOIL-138A 139A COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2013

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: JB
Received by: LB
Analyzed by: see "By" below

Date

05/03/13
05/09/13

Time

10:02
14:14

Laboratory Data

SDG ID: GBD69943
Phoenix ID: BD69951

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203 ECC-AG-SOIL-140A 141A COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	86		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/10/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1221	ND	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1232	ND	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1242	ND	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1248	1.7	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1254	ND	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1260	ND	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1262	ND	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1268	ND	0.19	mg/kg	05/13/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	87	%	05/13/13	AW	30 - 150 %
% TCMX	73	%	05/13/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD69951

Client ID: 201305021203 ECC-AG-SOIL-140A 141A COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2013

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: JB
Received by: LB
Analyzed by: see "By" below

Date Time

05/03/13 10:06
05/09/13 14:14

Laboratory Data

SDG ID: GBD69943
Phoenix ID: BD69952

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203 ECC-AG-SOIL-156A 157A COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	85		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/10/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1221	ND	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1232	ND	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1242	ND	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1248	ND	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1254	ND	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1260	0.28	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1262	ND	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1268	ND	0.19	mg/kg	05/13/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	107	%	05/13/13	AW	30 - 150 %
% TCMX	71	%	05/13/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD69952

Client ID: 201305021203 ECC-AG-SOIL-156A 157A COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

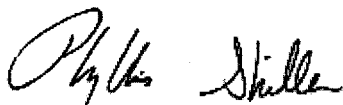
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

May 16, 2013

QA/QC Data

SDG I.D.: GBD69943

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 229820, QC Sample No: BD69935 (BD69944, BD69945, BD69946, BD69947, BD69948, BD69949, BD69950, BD69951, BD69952)									
Polychlorinated Biphenyls									
PCB-1016		83	82	1.2				40 - 140	30
PCB-1221								40 - 140	30
PCB-1232								40 - 140	30
PCB-1242								40 - 140	30
PCB-1248								40 - 140	30
PCB-1254								40 - 140	30
PCB-1260		84	80	4.9				40 - 140	30
PCB-1262								40 - 140	30
PCB-1268								40 - 140	30
% DCBP (Surrogate Rec)		74	73	1.4				30 - 150	30
% TCMX (Surrogate Rec)		77	80	3.8				30 - 150	30

Comment:

Due to prep error, blank could not be reported for this batch

* The batch MS and MSD recoveries could not be calculated due to the presence of PCB in the unspiked sample. LCS/LCSD recoveries were within QA/QC limits.

QA/QC Batch 230065, QC Sample No: BD70926 (BD69943)

Polychlorinated Biphenyls - Soil

PCB-1016	ND	83	82	1.2	86	82	4.8	40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	92	88	4.4	95	90	5.4	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	82	86	87	1.2	90	86	4.5	30 - 150	30
% TCMX (Surrogate Rec)	76	84	82	2.4	87	81	7.1	30 - 150	30

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference

LCS - Laboratory Control Sample

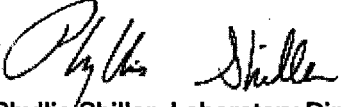
LCSD - Laboratory Control Sample Duplicate

MS - Matrix Spike

MS Dup - Matrix Spike Duplicate

NC - No Criteria

Intf - Interference


Phyllis Shiller, Laboratory Director
May 16, 2013

Sample Criteria Exceedences Report
GBD69943 - FOPCBTR

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL	Analysis Units
--------	-------	-----------------	----------	--------	----	----------	----	----------------

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Reasonable Confidence Protocol Laboratory Analysis QA/QC Certification Form

Laboratory Name: Phoenix Environmental Labs, Inc. **Client:** F&OPCBTR

Project Location: CENTRAL HIGH SCHOOL **Project Number:**

Laboratory Sample ID(s): BD69943, BD69944, BD69945, BD69946, BD69947, BD69948, BD69949, BD69950, BD69951, BD69952

Sampling Date(s): 5/3/2013

RCP Methods Used:

☐ 1311/1312 ☐ 6010 ☐ 7000 ☐ 7196 ☐ 7470/7471 ☐ 8081 ☐ EPH ☐ TO15
☒ 8082 ☐ 8151 ☐ 8260 ☐ 8270 ☐ ETPH ☐ 9010/9012 ☐ VPH

1.	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1a.	Were the method specified preservation and holding time requirements met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1b.	EPH and VPH methods only: Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA
2.	Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3.	Were samples received at an appropriate temperature (< 6 Degrees C)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
4.	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5a.	Were reporting limits specified or referenced on the chain-of-custody?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5b.	Were these reporting limits met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
6.	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
7.	Are project-specific matrix spikes and laboratory duplicates included in the data set?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA

Note: For all questions to which the response was "No" (with the exception of question #5a, #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence".

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized
Signature: _____

Kathleen Cressia

Date: Thursday, May 16, 2013

Printed Name: Kathleen Cressia

Position: QA/QC Officer



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

May 16, 2013

SDG I.D.: GBD69943

PCB Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Au-ecd24 05/13/13-1 (BD69948, BD69949, BD69950, BD69951)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner

Position: Chemist

Date: 5/13/2013

Instrument: Au-ecd24 05/14/13-1 (BD69943)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner

Position: Chemist

Date: 5/14/2013

Instrument: Au-ecd3 05/13/13-1 (BD69945, BD69946)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner

Position: Chemist

Date: 5/13/2013

Instrument: Au-ecd6 05/14/13-1 (BD69944, BD69947)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

May 16, 2013

SDG I.D.: GBD69943

Printed Name Adam Werner
Position: Chemist
Date: 5/14/2013

Instrument: Au-ecd8 05/13/13-1 (BD69952)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 5/13/2013

QC Comments: QC Batch 229820 05/09/13 (BD69944, BD69945, BD69946, BD69947, BD69948, BD69949, BD69950, BD69951, BD69952)

Due to prep error, blank could not be reported for this batch

* The batch MS and MSD recoveries could not be calculated due to the presence of PCB in the unspiked sample. LCS/LCSD recoveries were within QA/QC limits.

QC (Batch Specific)

———— Sample No: BD69935, QA/QC Batch: 229820 ————

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

———— Sample No: BD70926, QA/QC Batch: 230065 ————

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

Temperature Narration

The samples were received at 6C with cooling initiated.
(Note acceptance criteria is above freezing up to 6°C)



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

May 16, 2013

SDG LD.: GBD69943



FUSS & O'NEILL

(860) 646-2469 • www.FandO.com

- ☐ 146 Hartford Road, Manchester, CT 06040
☒ 56 Quarry Road, Trumbull, CT 06611
☐ 1419 Richland Street, Columbia, SC 29201

- ☐ 78 Interstate Drive, West Springfield, MA 01089
☐ 317 Iron Horse Way, Suite 204, Providence, RI 02908
☐ 80 Washington Street, Suite 301, Poughkeepsie, NY

605 WCTIP

CHAIN-OF-CUSTODY RECORD 27710

PROJECT NAME

PROJECT LOCATION

PROJECT NUMBER

LABORATORY

Central Highschool

Bridgeport, CT

20110793.A2.E

Phoenix

REPORT TO: Kevin McCarthy / Karren Redfield

INVOICE TO:

P.O. No.: 20110793.A2.E

Sampler's Signature: *Jane Blum*

Date: 5-8-13

Source Codes:

MW=Monitoring Well PW=Potable Water T=Treatment Facility S=Soil B=Sediment
SW=Surface Water ST=Stormwater W=Waste A=Air C=Concrete
X=Other adjacent ground (soil, concrete)

Analysis Request

Containers

Item No.	Transfer Check				Sample Number	Source Code	Date Sampled	Time Sampled										
	1	2	3	4					Soil VOA Val. □ methanol	Glass Soil Container (4) □ or	Other	Water VOA Val. □ As is	Glass Amber () ml □ As is	Plastic - As is	Plastic - H ₂ SO ₄	Plastic - HNO ₃	Plastic - NaOH	Comments
61	✓	✓	✓	✓	201305021203	X	5-3-13	928	✓									adjacent 12 inches down
62	✓	✓	✓	✓	-ECC-AG-Soil-124A	X	5-3-13	930	✓									
63	✓	✓	✓	✓	-ECC-AG-Soil-125A	X	5-3-13	932	✓									
64	✓	✓	✓	✓	-ECC-AG-Soil-126A	X	5-3-13	934	✓									
65	✓	✓	✓	✓	-ECC-AG-Soil-127A	X	5-3-13	936	✓									
66	✓	✓	✓	✓	-ECC-AG-Soil-128A	X	5-3-13	938	✓									
67	✓	✓	✓	✓	-ECC-AG-Soil-129A	X	5-3-13	940	✓									
68	✓	✓	✓	✓	-ECC-AG-Soil-130A	X	5-3-13	942	✓									
69	✓	✓	✓	✓	-ECC-AG-Soil-131A	X	5-3-13	944	✓									
70	✓	✓	✓	✓	-ECC-AG-Soil-132A	X	5-3-13	946	✓									

Transfer Number	Relinquished By	Accepted By	Date	Time	Charge Exceptions: □ CT Tax Exempt □ QA/QC □ Other
1	J Blum	F to Frig	5-8-13	1630	□ Duplicates □ Blanks (Item Nos.)
2	F to Frig	JS. H.	5-9	1230	Reporting and Detection Limit Requirements: □ RCP Deliverables □ MCP CAM Cert.
3	JS. H.	Thomson	5-9-13	1235	Composite AG samples 2 O.S. ppm
4	Thomson	J. Quinn	5-9-13	14:14	Additional Comments: composite samples ECC-AG-Soil-124A+125A / Soil-Bent 124 Soil-128A+129A / Soil-130A+131A / Soil-132A+133A



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20116793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date Time
05/03/13 10:10
05/09/13 14:14

Laboratory Data

SDG ID: GBD69953
Phoenix ID: BD69953

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-158A-159A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	89		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/10/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1248	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1260	0.35	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/13/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	116	%	05/13/13	AW	30 - 150 %
% TCMX	76	%	05/13/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-158A-159A

Phoenix I.D.: BD69953

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20116793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

05/03/13
05/09/13

Time

10:14
14:14

Laboratory Data

SDG ID: GBD69953
Phoenix ID: BD69954

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-160A-161A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	88		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/10/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.94	mg/kg	05/13/13	AW	3540C/8082
PCB-1221	ND	0.94	mg/kg	05/13/13	AW	3540C/8082
PCB-1232	ND	0.94	mg/kg	05/13/13	AW	3540C/8082
PCB-1242	ND	0.94	mg/kg	05/13/13	AW	3540C/8082
PCB-1248	ND	0.94	mg/kg	05/13/13	AW	3540C/8082
PCB-1254	ND	0.94	mg/kg	05/13/13	AW	3540C/8082
PCB-1260	6.6	0.94	mg/kg	05/13/13	AW	3540C/8082
PCB-1262	ND	0.94	mg/kg	05/13/13	AW	3540C/8082
PCB-1268	ND	0.94	mg/kg	05/13/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	98	%	05/13/13	AW	30 - 150 %
% TCMX	92	%	05/13/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD69954

Client ID: 201305021203-ECC-AG-SOIL-160A-161A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

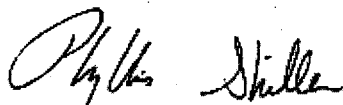
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20116793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
05/03/13	10:18
05/09/13	14:14

Laboratory Data

SDG ID: GBD69953
Phoenix ID: BD69955

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-162A-163A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	89		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/10/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1248	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/13/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	97	%	05/13/13	AW	30 - 150 %
% TCMX	75	%	05/13/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-162A-163A

Phoenix I.D.: BD69955

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

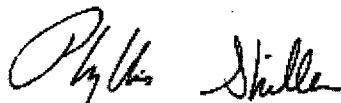
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20116793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

05/03/13
05/09/13

Time

10:22
14:14

Laboratory Data

SDG ID: GBD69953
Phoenix ID: BD69956

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-164A-165A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	88		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/10/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1221	ND	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1232	ND	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1242	ND	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1248	0.94	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1254	ND	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1260	ND	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1262	ND	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1268	ND	0.19	mg/kg	05/13/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	82	%	05/13/13	AW	30 - 150 %
% TCMX	86	%	05/13/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-164A-165A

Phoenix I.D.: BD69956

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

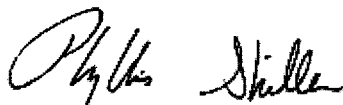
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20116793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date Time
05/03/13 10:26
05/09/13 14:14

Laboratory Data

SDG ID: GBD69953
Phoenix ID: BD69957

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-166A-167A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	90		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/10/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1248	1.2	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/13/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	61	%	05/13/13	AW	30 - 150 %
% TCMX	60	%	05/13/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD69957

Client ID: 201305021203-ECC-AG-SOIL-166A-167A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

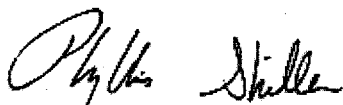
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20116793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
05/03/13	10:30
05/09/13	14:14

Laboratory Data

SDG ID: GBD69953
Phoenix ID: BD69958

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-168A-169A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	92		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/10/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1248	0.5	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/13/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	85	%	05/13/13	AW	30 - 150 %
% TCMX	74	%	05/13/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD69958

Client ID: 201305021203-ECC-AG-SOIL-168A-169A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

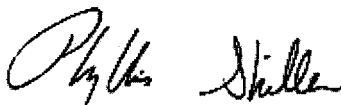
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20116793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
05/03/13	10:34
05/09/13	14:14

Laboratory Data

SDG ID: GBD69953
Phoenix ID: BD69959

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-170A-171A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	92		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/10/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1248	0.49	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/13/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	74	%	05/13/13	AW	30 - 150 %
% TCMX	80	%	05/13/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD69959

Client ID: 201305021203-ECC-AG-SOIL-170A-171A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20116793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date Time
05/03/13 10:38
05/09/13 14:14

Laboratory Data

SDG ID: GBD69953
Phoenix ID: BD69960

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-172A-173A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	91		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/10/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1248	0.76	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/14/13	PL	3540C/8082

QA/QC Surrogates

% DCBP	85	%	05/14/13	PL	30 - 150 %
% TCMX	71	%	05/14/13	PL	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-172A-173A

Phoenix I.D.: BD69960

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

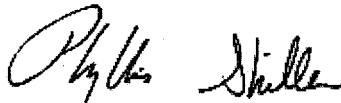
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20116793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
05/03/13	10:42
05/09/13	14:14

Laboratory Data

SDG ID: GBD69953
Phoenix ID: BD69961

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-174A-175A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	85		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/10/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.19	mg/kg	05/14/13	PL	3540C/8082
PCB-1221	ND	0.19	mg/kg	05/14/13	PL	3540C/8082
PCB-1232	ND	0.19	mg/kg	05/14/13	PL	3540C/8082
PCB-1242	ND	0.19	mg/kg	05/14/13	PL	3540C/8082
PCB-1248	0.81	0.19	mg/kg	05/14/13	PL	3540C/8082
PCB-1254	ND	0.19	mg/kg	05/14/13	PL	3540C/8082
PCB-1260	ND	0.19	mg/kg	05/14/13	PL	3540C/8082
PCB-1262	ND	0.19	mg/kg	05/14/13	PL	3540C/8082
PCB-1268	ND	0.19	mg/kg	05/14/13	PL	3540C/8082

QA/QC Surrogates

% DCBP	86	%	05/14/13	PL	30 - 150 %
% TCMX	63	%	05/14/13	PL	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-174A-175A

Phoenix I.D.: BD69961

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

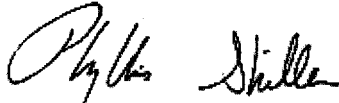
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20116793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

05/03/13
05/09/13

Time

8:32
14:14

Laboratory Data

SDG ID: GBD69953
Phoenix ID: BD69962

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-181A-182A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	90		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/10/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1248	1.1	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/13/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	67	%	05/13/13	AW	30 - 150 %
% TCMX	74	%	05/13/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-181A-182A

Phoenix I.D.: BD69962

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

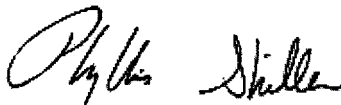
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20116793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

05/03/13
05/09/13

Time

8:36
14:14

Laboratory Data

SDG ID: GBD69953
Phoenix ID: BD69963

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-183A-184A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	89		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/10/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1248	0.39	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/13/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	75	%	05/13/13	AW	30 - 150 %
% TCMX	62	%	05/13/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-183A-184A

Phoenix I.D.: BD69963

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20116793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
05/03/13	8:40
05/09/13	14:14

Laboratory Data

SDG ID: GBD69953
Phoenix ID: BD69964

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-185A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	90		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/10/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1248	0.45	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/14/13	PL	3540C/8082

QA/QC Surrogates

% DCBP	104	%	05/14/13	PL	30 - 150 %
% TCMX	69	%	05/14/13	PL	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-185A

Phoenix I.D.: BD69964

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

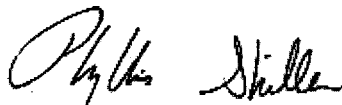
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20116793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

05/03/13
05/09/13

Time

8:44
14:14

Laboratory Data

SDG ID: GBD69953
Phoenix ID: BD69965

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-186A-187A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	87		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/10/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.19	mg/kg	05/14/13	PL	3540C/8082
PCB-1221	ND	0.19	mg/kg	05/14/13	PL	3540C/8082
PCB-1232	ND	0.19	mg/kg	05/14/13	PL	3540C/8082
PCB-1242	ND	0.19	mg/kg	05/14/13	PL	3540C/8082
PCB-1248	0.62	0.19	mg/kg	05/14/13	PL	3540C/8082
PCB-1254	ND	0.19	mg/kg	05/14/13	PL	3540C/8082
PCB-1260	ND	0.19	mg/kg	05/14/13	PL	3540C/8082
PCB-1262	ND	0.19	mg/kg	05/14/13	PL	3540C/8082
PCB-1268	ND	0.19	mg/kg	05/14/13	PL	3540C/8082

QA/QC Surrogates

% DCBP	97	%	05/14/13	PL	30 - 150 %
% TCMX	54	%	05/14/13	PL	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-186A-187A

Phoenix I.D.: BD69965

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

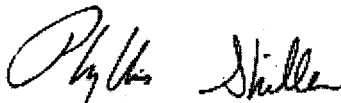
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20116793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
05/03/13	8:48
05/09/13	14:14

Laboratory Data

SDG ID: GBD69953
Phoenix ID: BD69966

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-188A-189A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	90		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/10/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1248	0.62	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/14/13	PL	3540C/8082

QA/QC Surrogates

% DCBP	82	%	05/14/13	PL	30 - 150 %
% TCMX	62	%	05/14/13	PL	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-188A-189A

Phoenix I.D.: BD69966

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------


RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20116793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
05/03/13	8:52
05/09/13	14:14

Laboratory Data

SDG ID: GBD69953
Phoenix ID: BD69967

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-190A-191A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	90		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/10/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1248	1.5	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/14/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	76	%	05/14/13	AW	30 - 150 %
% TCMX	78	%	05/14/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD69967

Client ID: 201305021203-ECC-AG-SOIL-190A-191A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------


RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20116793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

Time

05/03/13 8:56
05/09/13 14:14

Laboratory Data

SDG ID: GBD69953
Phoenix ID: BD69968

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-192A-193A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	90		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/10/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.91	mg/kg	05/14/13	PL	3540C/8082
PCB-1221	ND	0.91	mg/kg	05/14/13	PL	3540C/8082
PCB-1232	ND	0.91	mg/kg	05/14/13	PL	3540C/8082
PCB-1242	ND	0.91	mg/kg	05/14/13	PL	3540C/8082
PCB-1248	3.9	0.91	mg/kg	05/14/13	PL	3540C/8082
PCB-1254	ND	0.91	mg/kg	05/14/13	PL	3540C/8082
PCB-1260	ND	0.91	mg/kg	05/14/13	PL	3540C/8082
PCB-1262	ND	0.91	mg/kg	05/14/13	PL	3540C/8082
PCB-1268	ND	0.91	mg/kg	05/14/13	PL	3540C/8082

QA/QC Surrogates

% DCBP	118	%	05/14/13	PL	30 - 150 %
% TCMX	114	%	05/14/13	PL	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-192A-193A

Phoenix I.D.: BD69968

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------


RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20116793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date Time
05/03/13 9:00
05/09/13 14:14

Laboratory Data

SDG ID: GBD69953
Phoenix ID: BD69969

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-194A-195A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	92		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/10/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1248	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/13/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	104	%	05/13/13	AW	30 - 150 %
% TCMX	73	%	05/13/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-194A-195A

Phoenix I.D.: BD69969

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20116793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
05/03/13	9:04
05/09/13	14:14

Laboratory Data

SDG ID: GBD69953
Phoenix ID: BD69970

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-196A-197A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	92		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/10/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1248	0.97	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/14/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	84	%	05/14/13	AW	30 - 150 %
% TCMX	84	%	05/14/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-196A-197A

Phoenix I.D.: BD69970

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

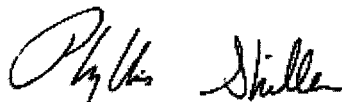
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20116793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

05/03/13
05/09/13

Time

9:08
14:14

Laboratory Data

SDG ID: GBD69953
Phoenix ID: BD69971

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-198A-199A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	89		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/10/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1248	1.3	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/13/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	105	%	05/13/13	AW	30 - 150 %
% TCMX	73	%	05/13/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-198A-199A

Phoenix I.D.: BD69971

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

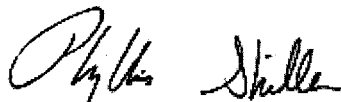
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20116793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
05/03/13	9:12
05/09/13	14:14

Laboratory Data

SDG ID: GBD69953
Phoenix ID: BD69972

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-200A-201A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	86		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/10/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.19	mg/kg	05/14/13	AW	3540C/8082
PCB-1221	ND	0.19	mg/kg	05/14/13	AW	3540C/8082
PCB-1232	ND	0.19	mg/kg	05/14/13	AW	3540C/8082
PCB-1242	ND	0.19	mg/kg	05/14/13	AW	3540C/8082
PCB-1248	1.8	0.19	mg/kg	05/14/13	AW	3540C/8082
PCB-1254	ND	0.19	mg/kg	05/14/13	AW	3540C/8082
PCB-1260	ND	0.19	mg/kg	05/14/13	AW	3540C/8082
PCB-1262	ND	0.19	mg/kg	05/14/13	AW	3540C/8082
PCB-1268	ND	0.19	mg/kg	05/14/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	75	%	05/14/13	AW	30 - 150 %
% TCMX	82	%	05/14/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD69972

Client ID: 201305021203-ECC-AG-SOIL-200A-201A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2013

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: JB
Received by: LB
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
05/06/13	9:14
05/09/13	14:14

Laboratory Data

SDG ID: GBD69953
Phoenix ID: BD69973

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203 ECC-AG-SOIL-202A 203A COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	89		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/10/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1248	ND	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/14/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	75	%	05/14/13	AW	30 - 150 %
% TCMX	82	%	05/14/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD69973

Client ID: 201305021203 ECC-AG-SOIL-202A 203A COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

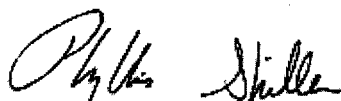
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2013

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: JB
Received by: LB
Analyzed by: see "By" below

Date Time

05/06/13 9:18
05/09/13 14:14

Laboratory Data

SDG ID: GBD69953
Phoenix ID: BD69974

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203 ECC-AG-SOIL-204A 205A COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	85		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/10/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.97	mg/kg	05/14/13	PL	3540C/8082
PCB-1221	ND	0.97	mg/kg	05/14/13	PL	3540C/8082
PCB-1232	ND	0.97	mg/kg	05/14/13	PL	3540C/8082
PCB-1242	ND	0.97	mg/kg	05/14/13	PL	3540C/8082
PCB-1248	3.2	0.97	mg/kg	05/14/13	PL	3540C/8082
PCB-1254	ND	0.97	mg/kg	05/14/13	PL	3540C/8082
PCB-1260	ND	0.97	mg/kg	05/14/13	PL	3540C/8082
PCB-1262	ND	0.97	mg/kg	05/14/13	PL	3540C/8082
PCB-1268	ND	0.97	mg/kg	05/14/13	PL	3540C/8082

QA/QC Surrogates

% DCBP	104	%	05/14/13	PL	30 - 150 %
% TCMX	110	%	05/14/13	PL	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD69974

Client ID: 201305021203 ECC-AG-SOIL-204A 205A COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

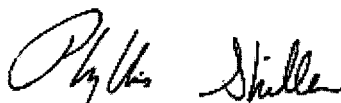
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2013

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: JB
Received by: LB
Analyzed by: see "By" below

Date Time
05/06/13 9:22
05/09/13 14:14

Laboratory Data

SDG ID: GBD69953
Phoenix ID: BD69975

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203 ECC-AG-SOIL-206A 207A COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	88		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/10/13	PP/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.19	mg/kg	05/14/13	AW	3540C/8082
PCB-1221	ND	0.19	mg/kg	05/14/13	AW	3540C/8082
PCB-1232	ND	0.19	mg/kg	05/14/13	AW	3540C/8082
PCB-1242	ND	0.19	mg/kg	05/14/13	AW	3540C/8082
PCB-1248	0.41	0.19	mg/kg	05/14/13	AW	3540C/8082
PCB-1254	ND	0.19	mg/kg	05/14/13	AW	3540C/8082
PCB-1260	ND	0.19	mg/kg	05/14/13	AW	3540C/8082
PCB-1262	ND	0.19	mg/kg	05/14/13	AW	3540C/8082
PCB-1268	ND	0.19	mg/kg	05/14/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	72		%	05/14/13	AW	30 - 150 %
% TCMX	80		%	05/14/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD69975

Client ID: 201305021203 ECC-AG-SOIL-206A 207A COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

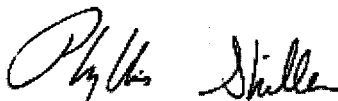
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2013

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: JB
Received by: LB
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
05/06/13	9:26
05/09/13	14:14

Laboratory Data

SDG ID: GBD69953
Phoenix ID: BD69976

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203 ECC-AG-SOIL-208A 209A COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	90		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/10/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1248	1.3	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/14/13	PL	3540C/8082

QA/QC Surrogates

% DCBP	73	%	05/14/13	PL	30 - 150 %
% TCMX	81	%	05/14/13	PL	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD69976

Client ID: 201305021203 ECC-AG-SOIL-208A 209A COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

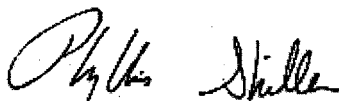
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045

Tel. (860) 645-1102

Fax (860) 645-0823

Analysis Report

May 16, 2013

FOR: Attn: Mr. Kevin McCarthy

Fuss & O'Neill, Inc.

56 Quarry Road

Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: JB
Received by: LB
Analyzed by: see "By" below

Date

05/06/13

Time

9:30

05/09/13

14:14

Laboratory Data

SDG ID: GBD69953

Phoenix ID: BD69977

Project ID: CENTRAL HIGH SCHOOL

Client ID: 201305021203 ECC-AG-SOIL-210A 211A COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	89		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/10/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1248	0.75	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/14/13	PL	3540C/8082

QA/QC Surrogates

% DCBP	76	%	05/14/13	PL	30 - 150 %
% TCMX	79	%	05/14/13	PL	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD69977

Client ID: 201305021203 ECC-AG-SOIL-210A 211A COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

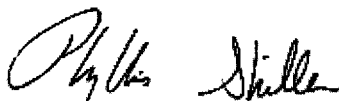
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2013

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: JB
Received by: LB
Analyzed by: see "By" below

Date

05/06/13
05/09/13

Time

9:34
14:14

Laboratory Data

SDG ID: GBD69953
Phoenix ID: BD69978

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203 ECC-AG-SOIL-212A 213A COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	89		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/10/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1248	1.2	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/14/13	PL	3540C/8082

QA/QC Surrogates

% DCBP	72	%	05/14/13	PL	30 - 150 %
% TCMX	73	%	05/14/13	PL	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD69978

Client ID: 201305021203 ECC-AG-SOIL-212A 213A COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2013

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: JB
Received by: LB
Analyzed by: see "By" below

Date

05/06/13
05/09/13

Time

9:38
14:14

Laboratory Data

SDG ID: GBD69953
Phoenix ID: BD69979

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203 ECC-AG-SOIL-214A-215A COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	90		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/10/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1248	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/14/13	PL	3540C/8082

QA/QC Surrogates

% DCBP	74	%	05/14/13	PL	30 - 150 %
% TCMX	73	%	05/14/13	PL	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD69979

Client ID: 201305021203 ECC-AG-SOIL-214A-215A COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

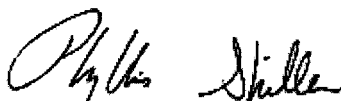
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

May 16, 2013

QA/QC Data

SDG I.D.: GBD69953

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 229999, QC Sample No: BD69954 (BD69953, BD69954, BD69955, BD69956, BD69957, BD69958, BD69959, BD69960, BD69961, BD69962, BD69963, BD69964, BD69965, BD69966, BD69967, BD69968, BD69969, BD69970, BD69971, BD69972)									
Polychlorinated Biphenyls - Solid									
PCB-1016	ND	77	77	0.0				40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	77	76	1.3				40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	74	78	80	2.5				30 - 150	30
% TCMX (Surrogate Rec)	71	77	78	1.3				30 - 150	30

Comment:

* The batch MS and MSD recoveries could not be calculated due to the presence of PCB in the unspiked sample. LCS/LCSD recoveries were within QA/QC limits.

QA/QC Batch 230006, QC Sample No: BD69973 (BD69973, BD69974, BD69975, BD69976, BD69977, BD69978, BD69979)

Polychlorinated Biphenyls - Soil

PCB-1016	ND	84	81	3.6	81	87	7.1	40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	71	78	9.4	81	86	6.0	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	86	81	78	3.8	78	79	1.3	30 - 150	30
% TCMX (Surrogate Rec)	88	84	76	10.0	80	81	1.2	30 - 150	30

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference

LCS - Laboratory Control Sample

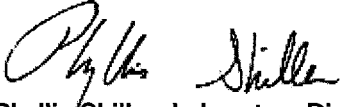
LCSD - Laboratory Control Sample Duplicate

MS - Matrix Spike

MS Dup - Matrix Spike Duplicate

NC - No Criteria

Intf - Interference


Phyllis Shiller, Laboratory Director
May 16, 2013

Thursday, May 16, 2013

Requested Criteria: None

State: CT

SampNo Acode Phoenix Analyte

Criteria

Result

RL

Criteria

RL

Analysis
Units

Sample Criteria Exceedences Report

GBD69953 - FOPCBTR

Page 1 of 1

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Reasonable Confidence Protocol Laboratory Analysis QA/QC Certification Form

Laboratory Name: Phoenix Environmental Labs, Inc. **Client:** F&OPCBTR

Project Location: CENTRAL HIGH SCHOOL **Project Number:**

Laboratory Sample ID(s): BD69953, BD69954, BD69955, BD69956, BD69957, BD69958, BD69959, BD69960, BD69961, BD69962, BD69963, BD69964, BD69965, BD69966, BD69967, BD69968, BD69969, BD69970, BD69971, BD69972, BD69973, BD69974, BD69975, BD69976, BD69977, BD69978, BD69979

Sampling Date(s): 5/3/2013, 5/6/2013

RCP Methods Used:

☐ 1311/1312 ☐ 6010 ☐ 7000 ☐ 7196 ☐ 7470/7471 ☐ 8081 ☐ EPH ☐ TO15
☒ 8082 ☐ 8151 ☐ 8260 ☐ 8270 ☐ ETPH ☐ 9010/9012 ☐ VPH

1.	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1a.	Were the method specified preservation and holding time requirements met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1b.	EPH and VPH methods only: Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA
2.	Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3.	Were samples received at an appropriate temperature (< 6 Degrees C)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
4.	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5a.	Were reporting limits specified or referenced on the chain-of-custody?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5b.	Were these reporting limits met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
6.	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
7.	Are project-specific matrix spikes and laboratory duplicates included in the data set?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA

Note: For all questions to which the response was "No" (with the exception of question #5a, #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence".

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized
Signature:

Kathleen Cressia

Date: Thursday, May 16, 2013

Printed Name: Kathleen Cressia

Position: QA/QC Officer



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

May 16, 2013

SDG I.D.: GBD69953

PCB Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Au-eed24 05/13/13-1 (BD69971)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 5/13/2013

Instrument: Au-eed24 05/14/13-1 (BD69960, BD69961, BD69964, BD69965, BD69966, BD69968)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 5/14/2013

Instrument: Au-eed3 05/13/13-1 (BD69956, BD69957, BD69958, BD69959, BD69962, BD69963)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 5/13/2013

Instrument: Au-eed3 05/15/13-1 (BD69967, BD69968, BD69970, BD69972, BD69973, BD69975, BD69976, BD69977, BD69978, BD69979)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

May 16, 2013

SDG I.D.: GBD69953

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 5/15/2013

Instrument: Au-ecd5 05/13/13-1 (BD69954)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 5/13/2013

Instrument: Au-ecd6 05/14/13-1 (BD69974)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 5/14/2013

Instrument: Au-ecd8 05/13/13-1 (BD69953, BD69955, BD69969)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 5/13/2013

QC Comments: QC Batch 229999 05/10/13 (BD69953, BD69954, BD69955, BD69956, BD69957, BD69958, BD69959, BD69960, BD69961, BD69962, BD69963, BD69964, BD69965, BD69966, BD69967, BD69968, BD69969, BD69970, BD69971, BD69972)

* The batch MS and MSD recoveries could not be calculated due to the presence of PCB in the unspiked sample. LCS/LCSD recoveries were



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

May 16, 2013

SDG I.D.: GBD69953

within QA/QC limits.

QC (Site Specific)

———— Sample No: BD69954, QA/QC Batch: 229999 ————

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

———— Sample No: BD69973, QA/QC Batch: 230006 ————

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

All MS recoveries were within 40 - 140 with the following exceptions: None.

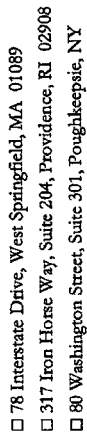
All MSD recoveries were within 40 - 140 with the following exceptions: None.

All MS/MSD RPDs were less than 30% with the following exceptions: None.

A matrix effect is suspected when a MS/MSD recovery is outside of criteria. No further action is required if LCS/LCSD compounds are within criteria.

Temperature Narration

The samples in this delivery group were received at 6°C.
(Note acceptance criteria is above freezing up to 6°C)

☐ Other:

27714

LABORATORY

20110793.A2E

ed field

Date: 5-8-13

S=Soil B=Sediment
C=Concrete

Pkg.	Soil VOA Wa	Soil VOA Wa	Glass Soil Co	Other	Water VOA	Glass Amber	Plastic - As tr	Plastic - HgSO	Plastic - HNO	Plastic - NaC	Comments
✓		69963	-								adjacent 12 inch deep
✓		69964	-								Discrete
✓		69965	-								
✓		69966	-								
✓		69967	-								
✓		69968	-								

Time	Charge Exceptions: <input type="checkbox"/> CT Tax Exempt <input type="checkbox"/> QA/QC <input type="checkbox"/> Other _____ _____ Duplicates _____ Blanks (Item Nos.) _____
13	Reporting and Detection Limit Requirements: <input type="checkbox"/> RCP Deliverables <input type="checkbox"/> MCP CAM Cert.
12:30	Composite Samples 6.05 ppm / Discrete 4.1 ppm
12:35	Additional Comments: Composite. Ecc-A-G-Sol-182A-189A / Sol-186A-187A /
13	Sol-188A-189A / Sol-190A-191A / Sol-192A-193A

FUSS & O'NEILL
(860) 646-2469 • www.FandO.com

☐ 146 Hartford Road, Manchester, CT 06040
☒ 56 Quarry Road, Trumbull, CT 06611
☐ 1419 Richland Street, Columbia, SC 29201

- ☐ 78 Interstate Drive, West Springfield, MA 01089
- ☐ 317 Iron Horse Way, Suite 204, Providence, RI 02908
- ☐ 80 Washington Street, Suite 301, Poughkeepsie, NY

☐ Other:

CHAIN-OF-CUSTODY RECORD 27718

PROJECT NAME

Central High School

REPORT TO: Kevin McCarthy / Carron Redfield

INVOICE TO:

P.O. No.: 20110793. A2 E

Sampler's Signature:

Long Blm

Date: 5-8-13

Source Codes:
 MW=Monitoring Well
 PW=Potable Water
 ST=Stormwater
 SW=Surface Water
 T=Treatment Facility
 W=Waste
 A=Air
 S=Soil
 B=Sediment
 C=Concrete

X=Other adjacent ground (soil, concrete)

Item No.	Transfer Check				Sample Number	Source Code	Date Sampled	Time Sampled
	1	2	3	4				
					20130502 1203			
121	✓	✓	✓	✓	-ECC-AG- Soil- 203 A	X	5-6-13	914
122	✓	✓	✓	✓	-ECC-AG- Soil- 204 A	X	5-6-13	916
123	✓	✓	✓	✓	-ECC-AG- Soil- 205 A	X	5-6-13	918
124	✓	✓	✓	✓	-ECC-AG- Soil- 206 A	X	5-6-13	920
125	✓	✓	✓	✓	-ECC-AG- Soil- 207 A	X	5-6-13	922
126	✓	✓	✓	✓	-ECC-AG- Soil- 208 A	X	5-6-13	924
127	✓	✓	✓	✓	-ECC-AG- Soil- 209 A	X	5-6-13	926
128	✓	✓	✓	✓	-ECC-AG- Soil- 210 A	X	5-6-13	928
129	✓	✓	✓	✓	-ECC-AG- Soil- 211 A	X	5-6-13	930
130	✓	✓	✓	✓	-ECC-AG- Soil- 212 A	X	5-6-13	932

Analysis Request

PROJECT LOCATION

Bridgeport, CT

Real Field

PROJECT NUMBER

20110793, A2E

3

Phoenix

☐ 24-Hour* ☐ 72-Hour* ☐ Other _____ (days)
☐ 48-Hour* ☒ Standard (5 days) *Surcharge Applies

Transfer	Relinquished By
----------	-----------------

Accepted By

Date	Time
------	------

Charge Exceptions: ☐ CT Tax Exempt ☐ QA/QC ☐ Other _____

Reporting and Detection Limit Requirements: ☐ RCP Deliverables ☐ MCP Deliverables ☐ MCP CAM Cert.

Composite Ag samples 60.5 ppm

Additional Comments: *Composite. FCC-AG-SOI-202A; 203A / SOI-204A; 205A / SOI-206A; 207A / SOI-208A; 209A / SOI-210A; 211A / SOI-202A; 213A*



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
05/06/13	14:10
05/14/13	16:13

Laboratory Data

SDG ID: GBD78416
Phoenix ID: BD78416

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-CONCRETE-03B-04B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	96		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	NP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.17	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.17	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.17	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.17	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.17	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.17	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.17	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.17	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.17	mg/kg	05/16/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	68	%	05/16/13	AW	30 - 150 %
% TCMX	70	%	05/16/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD78416

Client ID: 201305021203-ECC-AG-CONCRETE-03B-04B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

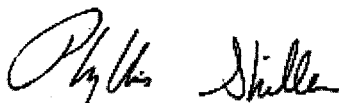
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
05/02/13	10:18
05/14/13	16:13

Laboratory Data

SDG ID: GBD78416
Phoenix ID: BD78417

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-05B-06B COMP

<u>Parameter</u>	<u>Result</u>	<u>RL/ PQL</u>	<u>Units</u>	<u>Date/Time</u>	<u>By</u>	<u>Reference</u>
Percent Solid	81		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	0.46	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.2	mg/kg	05/16/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	86	%	05/16/13	AW	30 - 150 %
% TCMX	86	%	05/16/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD78417

Client ID: 201305021203-ECC-AG-SOIL-05B-06B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

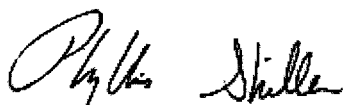
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date Time

05/02/13 10:22
05/14/13 16:13

Laboratory Data

SDG ID: GBD78416
Phoenix ID: BD78418

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-07B-08B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	78		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.21	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.21	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.21	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.21	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.21	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.21	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.21	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.21	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.21	mg/kg	05/16/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	68	%	05/16/13	AW	30 - 150 %
% TCMX	71	%	05/16/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD78418

Client ID: 201305021203-ECC-AG-SOIL-07B-08B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

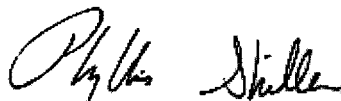
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

05/02/13
05/14/13

Time

10:26
16:13

Laboratory Data

SDG ID: GBD78416
Phoenix ID: BD78419

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-09B-10B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	74		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.22	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.22	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.22	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.22	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.22	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.22	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.22	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.22	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.22	mg/kg	05/16/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	66	%	05/16/13	AW	30 - 150 %
% TCMX	70	%	05/16/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD78419

Client ID: 201305021203-ECC-AG-SOIL-09B-10B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

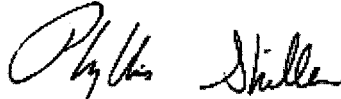
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
05/02/13	10:30
05/14/13	16:13

Laboratory Data

SDG ID: GBD78416
Phoenix ID: BD78420

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-11B-12B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	72		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.23	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.23	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.23	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.23	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.23	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.23	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.23	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.23	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.23	mg/kg	05/16/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	62	%	05/16/13	AW	30 - 150 %
% TCMX	78	%	05/16/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD78420

Client ID: 201305021203-ECC-AG-SOIL-11B-12B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

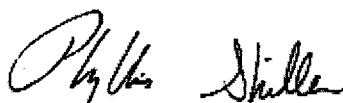
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

05/02/13
05/14/13

Time

10:34
16:13

Laboratory Data

SDG ID: GBD78416
Phoenix ID: BD78421

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-13B-14B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	80		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.2	mg/kg	05/16/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	71	%	05/16/13	AW	30 - 150 %
% TCMX	82	%	05/16/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD78421

Client ID: 201305021203-ECC-AG-SOIL-13B-14B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

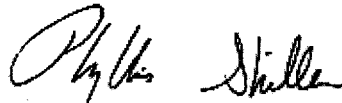
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date Time
05/02/13 10:38
05/14/13 16:13

Laboratory Data

SDG ID: GBD78416
Phoenix ID: BD78422

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-15B-16B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	74		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.22	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.22	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.22	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.22	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.22	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.22	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.22	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.22	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.22	mg/kg	05/16/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	65	%	05/16/13	AW	30 - 150 %
% TCMX	82	%	05/16/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD78422

Client ID: 201305021203-ECC-AG-SOIL-15B-16B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------


RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date Time

05/02/13 10:42
05/14/13 16:13

Laboratory Data

SDG ID: GBD78416
Phoenix ID: BD78423

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-17B-18B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	72		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.23	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.23	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.23	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.23	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.23	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.23	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.23	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.23	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.23	mg/kg	05/16/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	60	%	05/16/13	AW	30 - 150 %
% TCMX	81	%	05/16/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD78423

Client ID: 201305021203-ECC-AG-SOIL-17B-18B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

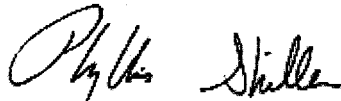
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

05/02/13
05/14/13

Time

10:46
16:13

Laboratory Data

SDG ID: GBD78416
Phoenix ID: BD78424

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-19B-20B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	75		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.22	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.22	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.22	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.22	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.22	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.22	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.22	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.22	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.22	mg/kg	05/16/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	59	%	05/16/13	AW	30 - 150 %
% TCMX	77	%	05/16/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD78424

Client ID: 201305021203-ECC-AG-SOIL-19B-20B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

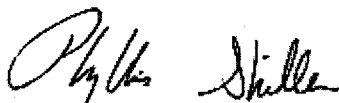
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

05/02/13
05/14/13

Time

10:50
16:13

Laboratory Data

SDG ID: GBD78416
Phoenix ID: BD78425

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-21B-22B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	76		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.21	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.21	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.21	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.21	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.21	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.21	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.21	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.21	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.21	mg/kg	05/16/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	69	%	05/16/13	AW	30 - 150 %
% TCMX	81	%	05/16/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD78425

Client ID: 201305021203-ECC-AG-SOIL-21B-22B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

05/02/13
05/14/13

Time

10:54
16:13

Laboratory Data

SDG ID: GBD78416
Phoenix ID: BD78426

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-23B-24B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	80		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.2	mg/kg	05/16/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	73	%	05/16/13	AW	30 - 150 %
% TCMX	82	%	05/16/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD78426

Client ID: 201305021203-ECC-AG-SOIL-23B-24B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

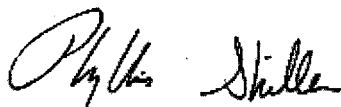
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

05/02/13
05/14/13

Time

10:58
16:13

Laboratory Data

SDG ID: GBD78416
Phoenix ID: BD78427

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-25B-26B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	86		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.19	mg/kg	05/16/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	68	%	05/16/13	AW	30 - 150 %
% TCMX	78	%	05/16/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD78427

Client ID: 201305021203-ECC-AG-SOIL-25B-26B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

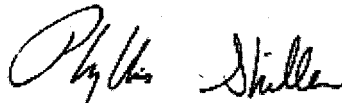
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date Time

05/02/13 11:02
05/14/13 16:13

Laboratory Data

SDG ID: GBD78416
Phoenix ID: BD78428

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-27B-28B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	86		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	PP/K	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	94		%	05/16/13	AW	30 - 150 %
% TCMX	100		%	05/16/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD78428

Client ID: 201305021203-ECC-AG-SOIL-27B-28B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

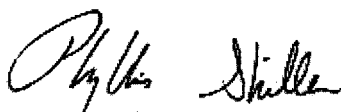
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

05/02/13
05/14/13

Time

11:06
16:13

Laboratory Data

SDG ID: GBD78416
Phoenix ID: BD78429

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-29B-30B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	88		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.19	mg/kg	05/16/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	75	%	05/16/13	AW	30 - 150 %
% TCMX	84	%	05/16/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD78429

Client ID: 201305021203-ECC-AG-SOIL-29B-30B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date Time

05/02/13 11:10
05/14/13 16:13

Laboratory Data

SDG ID: GBD78416
Phoenix ID: BD78430

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-31B-32B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	87		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.19	mg/kg	05/16/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	76	%	05/16/13	AW	30 - 150 %
% TCMX	85	%	05/16/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD78430

Client ID: 201305021203-ECC-AG-SOIL-31B-32B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

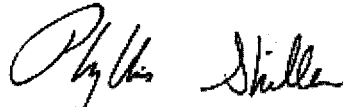
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

05/02/13
05/14/13

Time

11:14
16:13

Laboratory Data

SDG ID: GBD78416
Phoenix ID: BD78431

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-33B-34B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	84		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.2	mg/kg	05/16/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	92	%	05/16/13	AW	30 - 150 %
% TCMX	98	%	05/16/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD78431

Client ID: 201305021203-ECC-AG-SOIL-33B-34B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

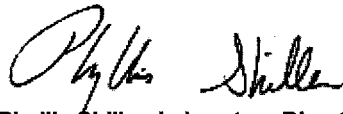
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

05/02/13
05/14/13

Time

11:18
16:13

Laboratory Data

SDG ID: GBD78416
Phoenix ID: BD78432

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-35B-36B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	88		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/16/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	75	%	05/16/13	AW	30 - 150 %
% TCMX	87	%	05/16/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD78432

Client ID: 201305021203-ECC-AG-SOIL-35B-36B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

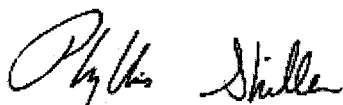
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

05/02/13
05/14/13

Time

11:22
16:13

Laboratory Data

SDG ID: GBD78416
Phoenix ID: BD78433

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-37B-38B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	86		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.19	mg/kg	05/16/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	72	%	05/16/13	AW	30 - 150 %
% TCMX	81	%	05/16/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD78433

Client ID: 201305021203-ECC-AG-SOIL-37B-38B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

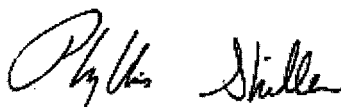
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

05/02/13
05/14/13

Time

11:26
16:13

Laboratory Data

SDG ID: GBD78416
Phoenix ID: BD78434

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-39B-40B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	86		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.19	mg/kg	05/16/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	71	%	05/16/13	AW	30 - 150 %
% TCMX	82	%	05/16/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD78434

Client ID: 201305021203-ECC-AG-SOIL-39B-40B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

05/02/13
05/14/13

Time

11:30
16:13

Laboratory Data

SDG ID: GBD78416
Phoenix ID: BD78435

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-41B-42B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	88		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	0.68	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.19	mg/kg	05/16/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	81	%	05/16/13	AW	30 - 150 %
% TCMX	84	%	05/16/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD78435

Client ID: 201305021203-ECC-AG-SOIL-41B-42B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

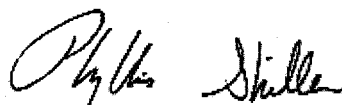
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

May 20, 2013

QA/QC Data

SDG I.D.: GBD78416

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
-----------	-------	----------	-----------	------------	---------	----------	-----------	--------------------	--------------------

QA/QC Batch 230583, QC Sample No: BD78417 (BD78417, BD78418, BD78419, BD78420, BD78421, BD78422, BD78423, BD78424, BD78425, BD78426, BD78427, BD78428, BD78429, BD78430, BD78431, BD78432, BD78433, BD78434, BD78435)

Polychlorinated Biphenyls - Solid

PCB-1016	ND	88	92	4.4	90	89	1.1	40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	84	89	5.8	78	85	8.6	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	90	89	93	4.4	84	85	1.2	30 - 150	30
% TCMX (Surrogate Rec)	83	90	94	4.3	85	87	2.3	30 - 150	30

QA/QC Batch 230584, QC Sample No: BD78438 (BD78416)

Polychlorinated Biphenyls - Solid

PCB-1016	ND	97	87	10.9	98	94	4.2	40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	99	94	5.2	104	96	8.0	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	88	85	84	1.2	88	81	8.3	30 - 150	30
% TCMX (Surrogate Rec)	77	78	65	18.2	79	78	1.3	30 - 150	30

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference

LCS - Laboratory Control Sample

LCSD - Laboratory Control Sample Duplicate

MS - Matrix Spike

MS Dup - Matrix Spike Duplicate

NC - No Criteria

Intf - Interference

Phyllis Shiller, Laboratory Director
May 20, 2013

Monday, May 20, 2013

Requested Criteria: None

State: CT

SampNo Acode Phoenix Analyte

Criteria

Result

RL

Criteria

RL

Analysis
Units

Sample Criteria Exceedences Report

GBD78416 - FOPCBTR

Page 1 of 1

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Reasonable Confidence Protocol Laboratory Analysis QA/QC Certification Form

Laboratory Name: Phoenix Environmental Labs, Inc. **Client:** F&OPCBTR

Project Location: CENTRAL HIGH SCHOOL **Project Number:**

Laboratory Sample ID(s): BD78416, BD78417, BD78418, BD78419, BD78420, BD78421, BD78422, BD78423, BD78424, BD78425, BD78426, BD78427, BD78428, BD78429, BD78430, BD78431, BD78432, BD78433, BD78434, BD78435

Sampling Date(s): 5/2/2013, 5/6/2013

RCP Methods Used:

☐ 1311/1312 ☐ 6010 ☐ 7000 ☐ 7196 ☐ 7470/7471 ☐ 8081 ☐ EPH ☐ TO15
☒ 8082 ☐ 8151 ☐ 8260 ☐ 8270 ☐ ETPH ☐ 9010/9012 ☐ VPH

1.	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1a.	Were the method specified preservation and holding time requirements met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1b.	EPH and VPH methods only: Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA
2.	Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3.	Were samples received at an appropriate temperature (< 6 Degrees C)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
4.	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5a.	Were reporting limits specified or referenced on the chain-of-custody?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5b.	Were these reporting limits met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
6.	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
7.	Are project-specific matrix spikes and laboratory duplicates included in the data set?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA

Note: For all questions to which the response was "No" (with the exception of question #5a, #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence".

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized
Signature:

Kathleen Cressia

Date: Monday, May 20, 2013

Printed Name: Kathleen Cressia

Position: QA/QC Officer



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

May 20, 2013

SDG LD.: GBD78416

PCB Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes:

Instrument: Au-ecd1 05/16/13-1 (BD78416, BD78417, BD78418, BD78419, BD78420, BD78421, BD78422, BD78423, BD78424, BD78425, BD78426, BD78427, BD78428, BD78429, BD78430, BD78431, BD78432, BD78433, BD78434, BD78435)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 5/16/2013

QC (Site Specific)

———— Sample No: BD78417, QA/QC Batch: 230583 ————

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

All MS recoveries were within 40 - 140 with the following exceptions: None.

All MSD recoveries were within 40 - 140 with the following exceptions: None.

All MS/MSD RPDs were less than 30% with the following exceptions: None.

A matrix effect is suspected when a MS/MSD recovery is outside of criteria. No further action is required if LCS/LCSD compounds are within criteria.

QC (Batch Specific)

———— Sample No: BD78438, QA/QC Batch: 230584 ————

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

Temperature Narration



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045

Tel. (860) 645-1102

Fax (860) 645-0823



RCP Certification Report

May 20, 2013

SDG LD.: GBD78416

The samples in this delivery group were received at 6°C.
(Note acceptance criteria is above freezing up to 6°C)



FUSS & O'NEILL

(860) 646-2469 • www.FandO.com

- ☐ 146 Hartford Road, Manchester, CT 06040
☒ 56 Quarry Road, Trumbull, CT 06611
☐ 1419 Richland Street, Columbia, SC 29201

- ☐ 78 Interstate Drive, West Springfield, MA 01089
☐ 317 Iron Horse Way, Suite 204, Providence, RI 02908
☐ 80 Washington Street, Suite 301, Poughkeepsie, NY

CHAIN-OF-CUSTODY RECORD 27722

PROJECT NAME

Central Highschool

PROJECT LOCATION

Bridgeport, CT

PROJECT NUMBER

20110793, A2E

LABORATORY

Phoenix

REPORT TO: Kevin McCarthy / Karen Redfield

Analysis Request

INVOICE TO:

P.O. No.: 20110793, A2E

Sampler's Signature: *James Blum*

Date: 5-9-13

Source Codes:

MW=Monitoring Well PW=Potable Water T=Treatment Facility S=Soil B=Sediment
SW=Surface Water ST=Stormwater W=Waste A=Air C=Concrete

X=Other adjacent ground (concrete, soil)

Item No.	Transfer Check				Sample Number	Source Code	Date Sampled	Time Sampled
	1	2	3	4				
1	/				-ECC-AG-concrete-03B	X	5-6-13	1410
2	/				-ECC-AG-concrete-04B		5-6-13	1415
3	/				-ECC-AG-soil-05B		5-2-13	1016
4	/				-ECC-AG-soil-06B			1018
5	/				-ECC-AG-soil-07B			1020
6	/				-ECC-AG-soil-08B			1022
7	/				-ECC-AG-soil-09B			1024
8	/				-ECC-AG-soil-10B			1026
9	/				-ECC-AG-soil-11B			1028
10	/				-ECC-AG-soil-12B			1030

Containers	Analysis Request									
	Soil VOA Vol. □ water □ Na ₂ SO ₄	Soil VOA Vol. □ water □ Na ₂ SO ₄	Soil VOA Vol. □ water □ Na ₂ SO ₄	Soil VOA Vol. □ water □ Na ₂ SO ₄	Soil VOA Vol. □ water □ Na ₂ SO ₄	Soil VOA Vol. □ water □ Na ₂ SO ₄	Soil VOA Vol. □ water □ Na ₂ SO ₄	Soil VOA Vol. □ water □ Na ₂ SO ₄	Soil VOA Vol. □ water □ Na ₂ SO ₄	Soil VOA Vol. □ water □ Na ₂ SO ₄
Plastic - NaOH, 250 ml										
Plastic - HNO ₃ , 250 ml										
Plastic - H ₂ SO ₄ , 250 ml										
Plastic - As ₂ S ₃ , 250 ml										
Glass Amber () ml □ As ₂ S ₃										
Water VOA Vol. □ As ₂ S ₃										
Other										
Glass Soil Container () or □ Na ₂ SO ₄										
Other										
Comments										
Composite 03B										
Composite 04B										
Composite 05B										
Composite 06B										
Composite 07B										
Composite 08B										
Composite 09B										
Composite 10B										
Composite 11B										
Composite 12B										

Transfer Number	Relinquished By	Accepted By	Date	Time
1	B. Hobbins	F.O. Fridg	5-10	1200
2	F.O. Fridg	<i>[Signature]</i>	5-14-13	1000
3	<i>[Signature]</i>	<i>[Signature]</i>		
4	<i>[Signature]</i>	<i>[Signature]</i>	5-14-13	1013

Charge Exceptions: ☐ CT Tax Exempt ☐ QA/QC ☐ Other _____
_____ Duplicates _____ Blanks (Item Nos: _____)

Reporting and Detection Limit Requirements: ☐ RCP Deliverables ☐ MCP CAM Cert.

Composite AG samples < 0.5 ppm

Additional Comments: Surface soil at 5 Feet From column

(866) 646-2469 • www.PandO.com

☐ 146 Hartford Road, Manchester, CT 06040
☒ 56 Quarry Road, Trumbull, CT 06611
☐ 1419 Richland Street, Columbia, SC 29201

☐ 78 Interstate Drive, West Springfield, MA 01089
☐ 317 Iron Horse Way, Suite 204, Providence, RI 02908
☐ 80 Washington Street, Suite 301, Poughkeepsie, NY

CHAIN-OF-CUSTODY RECORD 27728

PROJECT NAME

Central High School

Bridgeport, CT

REPORT TO: Kevin McCarthy / Carron Red Field

INVOICE TO:

P.O. No.: 20110793-A2E

Sampler's Signature:

James Blair

Date: 5-9-13

Source Codes:
 MW=Monitoring Well
 SW=Surface Water
 PW=Potable Water
 ST=Stormwater
 T=Treatment Facility
 W=Waste
 A=Air
 S=Soil
 C=Concrete
 B=Sediment

X=Other adjacent ground (soil)

Item No.	Transfer Check				Sample Number	Source Code	Date Sampled	Time Sampled
	1	2	3	4				
11	/				201305021203 -ECC-AG-Sol-13B	X	5-2-13	1032
12	/				-ECC-AG-Sol-14B			1034
13	/				-ECC-AG-Sol-15B			1036
14	/				-ECC-AG-Sol-16B			1038
15	/				-ECC-AG-Sol-17B			1040
16	/				-ECC-AG-Sol-18B			1042
17	/				-ECC-AG-Sol-19B			1044
18	/				-ECC-AG-Sol-20B			1046
19	/				-ECC-AG-Sol-21B			1048
20	/				-ECC-AG-Sol-22B			1050

[illegible]

Transfer	Relinquished By
----------	-----------------

Accepted By

Time

Charge Exceptions: ☐ CT Tax Exempt ☐ QA/QC ☐ Other _____

Duplicates _____ Blanks _____ Item Nos: _____

Reporting and Detection Limit Requirements: ☐ RCP Deliverables ☐ MCP CAM Cert.

Composite Af seeds < 0.5 ppm

Additional Comments: Surface Soil at 5 Feet From column



FUSS & O'NEILL

(860) 646-2469 • www.FandO.com

- ☐ 146 Hartford Road, Manchester, CT 06040
☒ 56 Quarry Road, Trumbull, CT 06611
☐ 1419 Richland Street, Columbia, SC 29201

- ☐ 78 Interstate Drive, West Springfield, MA 01089
☐ 317 Iron Horse Way, Suite 204, Providence, RI 02908
☐ 80 Washington Street, Suite 301, Poughkeepsie, NY

☐ Other

CHAIN-OF-CUSTODY RECORD 27729

PROJECT NAME

Central High School

PROJECT LOCATION

Bridgeport, CT

PROJECT NUMBER

2010793.A2E

LABORATORY

Phenix

REPORT TO: Kevin McCarthy / Karen Redfield

Analysis Request

Containers

INVOICE TO:

P.O. No.: 2010793.A2E

Sampler's Signature: *[Signature]*

Date: 5-9-13

Source Codes: MW=Monitoring Well PW=Potable Water T=Treatment Facility S=Soil B=Sediment
SW=Surface Water ST=Stormwater W=Waste A=Air C=Concrete

X=Other adjacent ground (soil)

Item No.	Transfer Check				Sample Number	Source Code	Date Sampled	Time Sampled
	1	2	3	4				
21	/	/	/	/	-ECC-AG-Soil-23B	X	5-2-13	1052
22	/	/	/	/	-ECC-AG-Soil-24B	/		1054
23	/	/	/	/	-ECC-AG-Soil-25B	/		1056
24	/	/	/	/	-ECC-AG-Soil-26B	/		1058
25	/	/	/	/	-ECC-AG-Soil-27B	/		1100
26	/	/	/	/	-ECC-AG-Soil-28B	/		1102
27	/	/	/	/	-ECC-AG-Soil-29B	/		1104
28	/	/	/	/	-ECC-AG-Soil-30B	/		1106
29	/	/	/	/	-ECC-AG-Soil-31B	/		1108
30	/	/	/	/	-ECC-AG-Soil-32B	/		1110

Soil VOA Val.	Soil VOA Val.	Glass Soil Container (4) oz	Other	Water VOA Val.	Glass Amber	Plastic - As is	Plastic - H ₂ SO ₄	Plastic - HNO ₃	Plastic - NaOH	Comments
/	/	/	/	/	/	/	/	/	/	Composite 23B / 24B
/	/	/	/	/	/	/	/	/	/	Composite 25B / 26B
/	/	/	/	/	/	/	/	/	/	Composite 27B / 28B
/	/	/	/	/	/	/	/	/	/	Composite 29B / 30B
/	/	/	/	/	/	/	/	/	/	Composite 31B / 32B

Transfer Number	Relinquished By	Accepted By	Date	Time
1	<i>[Signature]</i>	<i>[Signature]</i>	5-10	1200
2	<i>[Signature]</i>	<i>[Signature]</i>	5-14-13	1000
3	<i>[Signature]</i>	<i>[Signature]</i>	5-14-13	1000
4	<i>[Signature]</i>	<i>[Signature]</i>	5-14-13	1013

Charge Exceptions: ☐ CT Tax Exempt ☐ QA/QC ☐ Other ()
Duplicates (Item Nos:)

Reporting and Detection Limit Requirements: ☐ RCP Deliverables ☐ MCP CAM Cert.

Additional Comments: Composite At Samples (0.5 RPM)

Additional Comments: Surface Soil at 5 Feet From Column



FUSS & O'NEILL

(860) 646-2469 • www.FandO.com

- ☐ 146 Hartford Road, Manchester, CT 06040
☒ 56 Quarry Road, Trumbull, CT 06611
☐ 1419 Richland Street, Columbia, SC 29201

- ☐ 78 Interstate Drive, West Springfield, MA 01089
☐ 317 Iron Horse Way, Suite 204, Providence, RI 02908
☐ 80 Washington Street, Suite 301, Poughkeepsie, NY

☐ Other

CHAIN-OF-CUSTODY RECORD 27730

PROJECT NAME

Central High school

PROJECT LOCATION

Bridgeport, CT

REPORT TO:

Kevin McCarthy / Karen Redfield

INVOICE TO:

P.O. No.: 20110793.A2E

Sampler's Signature:

Janey Blum

Date: 5-9-13

Source Codes:

MW=Monitoring Well PW=Portable Water T=Treatment Facility S=Soil B=Sediment
SW=Surface Water ST=Stormwater W=Waste A=Air C=Concrete

X=Other adjacent ground (soil)

PROJECT NUMBER

20110793.A2E

Analysis Request

LABORATORY

Phoenix

- ☐ 24-Hour* ☐ 72-Hour* ☐ Other _____ (days)
☒ 48-Hour* ☒ Standard (5 days) *Surcharge Applies

Containers

REPORT TO: Kevin McCarthy / Karren Redfield										Analysis Request		Containers															
INVOICE TO:																											
P.O. NO.: 2011 0793. A2.E																											
Sampler's Signature: James Blum										Date: 5-9-13																	
Source Codes: MW=Monitoring Well SW=Surface Water PW=Portable Water ST=Stormwater T=Treatment Facility W=Waste A=Air S=Soil C=Concrete B=Sediment																											
X=Other adjacent ground (soil)																											
Transfer Check										Sample Number		Source Code		Date Sampled		Time Sampled											
1 2 3 4																											
31										-ECC-AG-Soil-33B		X		5-2-13		1112		✓									
32										-ECC-AG-Soil-34B						1114		✓									
33										-ECC-AG-Soil-35B						1116		✓									
34										-ECC-AG-Soil-36B						1119		✓									
35										-ECC-AG-Soil-37B						1120		✓									
36										-ECC-AG-Soil-38B						1122		✓									
37										-ECC-AG-Soil-39B						1124		✓									
38										-ECC-AG-Soil-40B						1126		✓									
39										-ECC-AG-Soil-41B						1128		✓									
40										-ECC-AG-Soil-42B						1130		✓									
														</													

Transfer Number

Relinquished By

Accepted By

Date

Time

Charge Exceptions: ☐ GT Tax Exempt ☐ QA/QC ☐ Other _____
_____ Duplicates _____ Blanks (Item Nos: _____)

Reporting and Detection Limit Requirements: ☐ RCP Deliverables ☐ MCP CAM Cert.

Composite AC samples 0.5 ppm
Additional Comments: Surface soil at 5 Feet From Column



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date Time

05/02/13 11:34
05/14/13 16:13

Laboratory Data

SDG ID: GBD78436
Phoenix ID: BD78436

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-43B-44B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	92		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	0.25	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/16/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	90	%	05/16/13	AW	30 - 150 %
% TCMX	86	%	05/16/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD78436

Client ID: 201305021203-ECC-AG-SOIL-43B-44B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

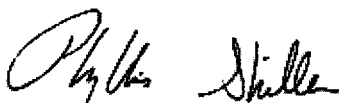
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
05/02/13	11:38
05/14/13	16:13

Laboratory Data

SDG ID: GBD78436
Phoenix ID: BD78437

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-45B-46B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	92		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	NP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/16/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	89	%	05/16/13	AW	30 - 150 %
% TCMX	78	%	05/16/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD78437

Client ID: 201305021203-ECC-AG-SOIL-45B-46B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

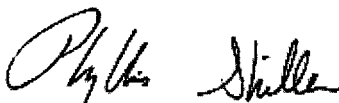
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date Time
05/02/13 11:42
05/14/13 16:13

Laboratory Data

SDG ID: GBD78436
Phoenix ID: BD78438

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-47B-48B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	91		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	NP/K.	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/16/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	81	%	05/16/13	AW	30 - 150 %
% TCMX	73	%	05/16/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD78438

Client ID: 201305021203-ECC-AG-SOIL-47B-48B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

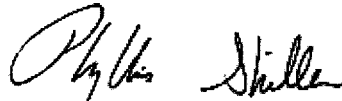
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
05/03/13	10:46
05/14/13	16:13

Laboratory Data

SDG ID: GBD78436
Phoenix ID: BD78439

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-106B-107B COMP

<u>Parameter</u>	<u>Result</u>	<u>RL/ PQL</u>	<u>Units</u>	<u>Date/Time</u>	<u>By</u>	<u>Reference</u>
Percent Solid	87		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	NP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.19	mg/kg	05/16/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	86	%	05/16/13	AW	30 - 150 %
% TCMX	75	%	05/16/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD78439

Client ID: 201305021203-ECC-AG-SOIL-106B-107B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
05/03/13	10:50
05/14/13	16:13

Laboratory Data

SDG ID: GBD78436
Phoenix ID: BD78440

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-108B-109B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	98		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	NP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.17	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.17	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.17	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.17	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.17	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.17	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.17	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.17	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.17	mg/kg	05/16/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	89	%	05/16/13	AW	30 - 150 %
% TCMX	78	%	05/16/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD78440

Client ID: 201305021203-ECC-AG-SOIL-108B-109B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

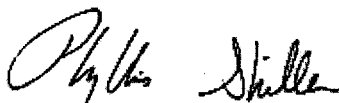
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date Time

05/03/13 10:54
05/14/13 16:13

Laboratory Data

SDG ID: GBD78436
Phoenix ID: BD78441

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-110B-111B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	95		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	NP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/16/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	82	%	05/16/13	AW	30 - 150 %
% TCMX	76	%	05/16/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD78441

Client ID: 201305021203-ECC-AG-SOIL-110B-111B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

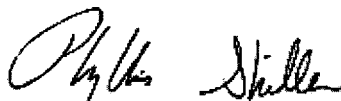
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
05/03/13	10:58
05/14/13	16:13

Laboratory Data

SDG ID: GBD78436
Phoenix ID: BD78442

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-112B-113B COMP

<u>Parameter</u>	<u>Result</u>	<u>RL/ PQL</u>	<u>Units</u>	<u>Date/Time</u>	<u>By</u>	<u>Reference</u>
Percent Solid	97		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	NP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.17	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.17	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.17	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.17	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.17	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.17	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.17	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.17	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.17	mg/kg	05/16/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	80	%	05/16/13	AW	30 - 150 %
% TCMX	73	%	05/16/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD78442

Client ID: 201305021203-ECC-AG-SOIL-112B-113B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

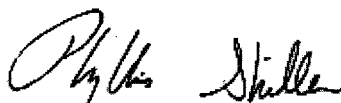
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

05/03/13
05/14/13

Time

11:02
16:13

Laboratory Data

SDG ID: GBD78436
Phoenix ID: BD78443

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-118B-119B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	90		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	NP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/16/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	82	%	05/16/13	AW	30 - 150 %
% TCMX	74	%	05/16/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD78443

Client ID: 201305021203-ECC-AG-SOIL-118B-119B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

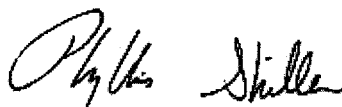
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments. •

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date Time
05/03/13 11:06
05/14/13 16:13

Laboratory Data

SDG ID: GBD78436
Phoenix ID: BD78444

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-120B-121B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	83		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	NP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.2	mg/kg	05/16/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	77	%	05/16/13	AW	30 - 150 %
% TCMX	73	%	05/16/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD78444

Client ID: 201305021203-ECC-AG-SOIL-120B-121B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

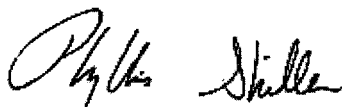
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date Time
05/03/13 11:10
05/14/13 16:13

Laboratory Data

SDG ID: GBD78436
Phoenix ID: BD78445

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-122B-123B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	88		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	NP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/16/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	78	%	05/16/13	AW	30 - 150 %
% TCMX	74	%	05/16/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD78445

Client ID: 201305021203-ECC-AG-SOIL-122B-123B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

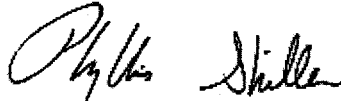
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date	Time
05/03/13	11:14
05/14/13	16:13

Laboratory Data

SDG ID: GBD78436
Phoenix ID: BD78446

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-124B-125B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	89		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	NP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/16/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	82	%	05/16/13	AW	30 - 150 %
% TCMX	73	%	05/16/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD78446

Client ID: 201305021203-ECC-AG-SOIL-124B-125B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

05/03/13
05/14/13

Time

11:18
16:13

Laboratory Data

SDG ID: GBD78436
Phoenix ID: BD78447

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-126B-127B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	82		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	NP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.2	mg/kg	05/16/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	82	%	05/16/13	AW	30 - 150 %
% TCMX	73	%	05/16/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD78447

Client ID: 201305021203-ECC-AG-SOIL-126B-127B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

05/03/13
05/14/13

Time

11:22
16:13

Laboratory Data

SDG ID: GBD78436
Phoenix ID: BD78448

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-128B-129B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	86		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	NP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.19	mg/kg	05/16/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	84	%	05/16/13	AW	30 - 150 %
% TCMX	73	%	05/16/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD78448

Client ID: 201305021203-ECC-AG-SOIL-128B-129B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

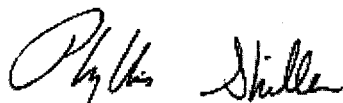
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date Time
05/03/13 11:26
05/14/13 16:13

Laboratory Data

SDG ID: GBD78436
Phoenix ID: BD78449

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-130B-131B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	86		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	NP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.19	mg/kg	05/16/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	82	%	05/16/13	AW	30 - 150 %
% TCMX	75	%	05/16/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD78449

Client ID: 201305021203-ECC-AG-SOIL-130B-131B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

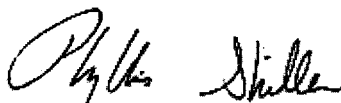
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
05/03/13	11:30
05/14/13	16:13

Laboratory Data

SDG ID: GBD78436
Phoenix ID: BD78450

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-132B-133B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	85		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	NP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.19	mg/kg	05/16/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	80	%	05/16/13	AW	30 - 150 %
% TCMX	67	%	05/16/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD78450

Client ID: 201305021203-ECC-AG-SOIL-132B-133B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

05/03/13
05/14/13

Time

11:34
16:13

Laboratory Data

SDG ID: GBD78436
Phoenix ID: BD78451

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-134B-135B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	84		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	NP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.2	mg/kg	05/16/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	81	%	05/16/13	AW	30 - 150 %
% TCMX	63	%	05/16/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD78451

Client ID: 201305021203-ECC-AG-SOIL-134B-135B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

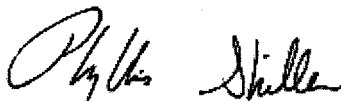
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

05/03/13
05/14/13

Time

11:38
16:13

Laboratory Data

SDG ID: GBD78436
Phoenix ID: BD78452

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-136B-137B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	89		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	NP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/16/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	80	%	05/16/13	AW	30 - 150 %
% TCMX	73	%	05/16/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD78452

Client ID: 201305021203-ECC-AG-SOIL-136B-137B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

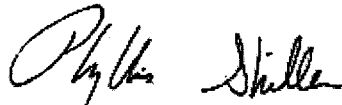
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
05/03/13	11:42
05/14/13	16:13

Laboratory Data

SDG ID: GBD78436
Phoenix ID: BD78453

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-138B-139B COMP

<u>Parameter</u>	<u>Result</u>	<u>RL/ PQL</u>	<u>Units</u>	<u>Date/Time</u>	<u>By</u>	<u>Reference</u>
Percent Solid	86		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	NP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	0.27	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.19	mg/kg	05/16/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	91	%	05/16/13	AW	30 - 150 %
% TCMX	84	%	05/16/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD78453

Client ID: 201305021203-ECC-AG-SOIL-138B-139B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
05/03/13	11:46
05/14/13	16:13

Laboratory Data

SDG ID: GBD78436
Phoenix ID: BD78454

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-140B-141B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	88		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	NP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.19	mg/kg	05/16/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	90	%	05/16/13	AW	30 - 150 %
% TCMX	76	%	05/16/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD78454

Client ID: 201305021203-ECC-AG-SOIL-140B-141B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

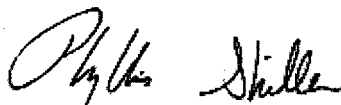
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
05/03/13	11:50
05/14/13	16:13

Laboratory Data

SDG ID: GBD78436
Phoenix ID: BD78455

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-156B-157B COMP

<u>Parameter</u>	<u>Result</u>	<u>RL/ PQL</u>	<u>Units</u>	<u>Date/Time</u>	<u>By</u>	<u>Reference</u>
Percent Solid	86		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	NP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.19	mg/kg	05/16/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	86	%	05/16/13	AW	30 - 150 %
% TCMX	79	%	05/16/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD78455

Client ID: 201305021203-ECC-AG-SOIL-156B-157B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

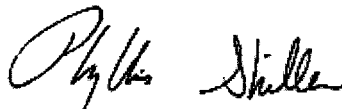
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

May 20, 2013

QA/QC Data

SDG I.D.: GBD78436

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
-----------	-------	----------	-----------	------------	---------	----------	-----------	--------------------	--------------------

QA/QC Batch 230583, QC Sample No: BD78417 (BD78436)

Polychlorinated Biphenyls - Solid

PCB-1016	ND	88	92	4.4	90	89	1.1	40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	84	89	5.8	78	85	8.6	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	90	89	93	4.4	84	85	1.2	30 - 150	30
% TCMX (Surrogate Rec)	83	90	94	4.3	85	87	2.3	30 - 150	30

QA/QC Batch 230584, QC Sample No: BD78438 (BD78437, BD78438, BD78439, BD78440, BD78441, BD78442, BD78443, BD78444, BD78445, BD78446, BD78447, BD78448, BD78449, BD78450, BD78451)

Polychlorinated Biphenyls - Solid

PCB-1016	ND	97	87	10.9	98	94	4.2	40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	99	94	5.2	104	96	8.0	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	88	85	84	1.2	88	81	8.3	30 - 150	30
% TCMX (Surrogate Rec)	77	78	65	18.2	79	78	1.3	30 - 150	30

QA/QC Batch 230631, QC Sample No: BD78466 (BD78452, BD78453, BD78454, BD78455)

Polychlorinated Biphenyls - Solid

PCB-1016	ND	80	79	1.3	86	83	3.6	40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	85	81	4.8	89	88	1.1	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	74	74	69	7.0	106	111	4.6	30 - 150	30
% TCMX (Surrogate Rec)	69	75	76	1.3	81	74	9.0	30 - 150	30

QA/QC Data

SDG I.D.: GBD78436

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
-----------	-------	----------	-----------	------------	---------	----------	-----------	--------------------	--------------------

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference

LCS - Laboratory Control Sample

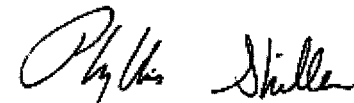
LCSD - Laboratory Control Sample Duplicate

MS - Matrix Spike

MS Dup - Matrix Spike Duplicate

NC - No Criteria

Intf - Interference



Phyllis Shiller, Laboratory Director

May 20, 2013

Monday, May 20, 2013

Requested Criteria: None

State: CT

SampNo Acode

Phoenix Analyte

Criteria

Result

RL

Criteria

RL Analysis
Criteria Units

Sample Criteria Exceedences Report

GBD78436 - FOPCBTR

Page 1 of 1

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Reasonable Confidence Protocol Laboratory Analysis QA/QC Certification Form

Laboratory Name: Phoenix Environmental Labs, Inc. **Client:** F&OPCBTR

Project Location: CENTRAL HIGH SCHOOL **Project Number:**

Laboratory Sample ID(s): BD78436, BD78437, BD78438, BD78439, BD78440, BD78441, BD78442, BD78443, BD78444, BD78445, BD78446, BD78447, BD78448, BD78449, BD78450, BD78451, BD78452, BD78453, BD78454, BD78455

Sampling Date(s): 5/2/2013, 5/3/2013

RCP Methods Used:

☐ 1311/1312 ☐ 6010 ☐ 7000 ☐ 7196 ☐ 7470/7471 ☐ 8081 ☐ EPH ☐ TO15
☒ 8082 ☐ 8151 ☐ 8260 ☐ 8270 ☐ ETPH ☐ 9010/9012 ☐ VPH

1.	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1a.	Were the method specified preservation and holding time requirements met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1b.	EPH and VPH methods only: Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA
2.	Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3.	Were samples received at an appropriate temperature (< 6 Degrees C)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
4.	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5a.	Were reporting limits specified or referenced on the chain-of-custody?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5b.	Were these reporting limits met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
6.	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
7.	Are project-specific matrix spikes and laboratory duplicates included in the data set?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA

Note: For all questions to which the response was "No" (with the exception of question #5a, #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence".

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized

Signature: Kathleen Cressia

Date: Monday, May 20, 2013

Printed Name: Kathleen Cressia

Position: QA/QC Officer



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

May 20, 2013

SDG LD.: GBD78436

PCB Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Au-ecd6 05/16/13-1 (BD78436, BD78437, BD78438, BD78439, BD78440, BD78441, BD78442, BD78443, BD78444, BD78445, BD78446, BD78447, BD78448, BD78449, BD78450, BD78451, BD78452, BD78453, BD78454, BD78455)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 5/16/2013



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

May 20, 2013

SDG I.D.: GBD78436

QC (Site Specific)

———— Sample No: BD78438, QA/QC Batch: 230584 ————

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

All MS recoveries were within 40 - 140 with the following exceptions: None.

All MSD recoveries were within 40 - 140 with the following exceptions: None.

All MS/MSD RPDs were less than 30% with the following exceptions: None.

A matrix effect is suspected when a MS/MSD recovery is outside of criteria. No further action is required if LCS/LCSD compounds are within criteria.

QC (Batch Specific)

———— Sample No: BD78417, QA/QC Batch: 230583 ————

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

———— Sample No: BD78466, QA/QC Batch: 230631 ————

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

Temperature Narration

The samples were received at 6C with cooling initiated.
(Note acceptance criteria is above freezing up to 6°C)



FUSS & O'NEILL

(860) 646-2469 • www.FandO.com

- ☐ 146 Hartford Road, Manchester, CT 06040
☒ 56 Quarry Road, Trumbull, CT 06611
☐ 1419 Richland Street, Columbia, SC 29201

- ☐ 78 Interstate Drive, West Springfield, MA 01089
☐ 317 Iron Horse Way, Suite 204, Providence, RI 02908
☐ 80 Washington Street, Suite 301, Poughkeepsie, NY

☐ Other

CHAIN-OF-CUSTODY RECORD 27731

PROJECT NAME

Central Highschool

PROJECT LOCATION

Bridge party CT

REPORT TO: Kevin McElrathy / Karren Redfield

INVOICE TO:

P.O. No.: 20110793.A2E

PROJECT NUMBER

20110793.A2E

Analysis Request

Sampler's Signature: Janet Wu

Date: 5-9-13

Source Codes:

MW=Monitoring Well PW=Portable Water T=Treatment Facility S=Soil B=Sediment
SW=Surface Water ST=Stormwater W=Waste A=Air C=Concrete

X=Other adjacent ground (soil)

Transfer Check

1 2 3 4

Sample Number

201305011203

Source Code

X

Date Sampled

5-2-13

Time Sampled

1132

41

-ECC-AG-Soil-43B

✓

✓

✓

✓

✓

✓

✓

✓

✓

✓

✓

✓

42

-ECC-AG-Soil-44B

✓

✓

✓

✓

✓

✓

✓

✓

✓

✓

✓

✓

43

-ECC-AG-Soil-45B

✓

✓

✓

✓

✓

✓

✓

✓

✓

✓

✓

✓

44

-ECC-AG-Soil-46B

✓

✓

✓

✓

✓

✓

✓

✓

✓

✓

✓

✓

45

-ECC-AG-Soil-47B

✓

✓

✓

✓

✓

✓

✓

✓

✓

✓

✓

✓

46

-ECC-AG-Soil-48B

✓

✓

✓

✓

✓

✓

✓

✓

✓

✓

✓

✓

47

-ECC-AG-Soil-106B

✓

✓

✓

✓

✓

✓

✓

✓

✓

✓

✓

✓

48

-ECC-AG-Soil-107B

✓

✓

✓

✓

✓

✓

✓

✓

✓

✓

✓

✓

49

-ECC-AG-Soil-108B

✓

✓

✓

✓

✓

✓

✓

✓

✓

✓

✓

✓

50

-ECC-AG-Soil-109B

✓

✓

✓

✓

✓

✓

✓

✓

✓

✓

✓

✓

Transfer Number

Relinquished By

Accepted By

Date

Time

Charge Exceptions: ☐ CT Tax Exempt ☐ QA/QC ☐ Other ☐ Duplicates (Item Nos:)

Reporting and Detection Limit Requirements: ☐ RCP Deliverables ☐ MCP CAM Cert.

1 B. Robbins

F10 Bridge

5-10

1200

2 F10 Bridge

5-14-13

1000

1000

Composite AG samples 0.5 ppm
Additional Comments: surface soil at 5 feet from column



FUSS & O'NEILL

(860) 646-2469 • www.FandO.com

- ☐ 146 Hartford Road, Manchester, CT 06040
☒ 56 Quarry Road, Trumbull, CT 06611
☐ 1419 Richland Street, Columbia, SC 29201

- ☐ 78 Interstate Drive, West Springfield, MA 01089
☐ 317 Iron Horse Way, Suite 204, Providence, RI 02908
☐ 80 Washington Street, Suite 301, Poughkeepsie, NY

☐ Other

CHAIN-OF-CUSTODY RECORD 27732

PROJECT NAME

Central Highschool

PROJECT LOCATION

Bridgeport, CT

PROJECT NUMBER

20110793. ALE

REPORT TO:

Kevin McCarthy / Karron Redfield

Analysis Request

INVOICE TO:

P.O. No.: 20110793. ALE

Sampler's Signature:

James Blum

Date: 5-9-13

Source Codes:

MW=Monitoring Well

PW=Portable Water

T=Treatment Facility

S=Soil

B=Sediment

SW=Surface Water

ST=Stormwater

W=Waste

A=Air

C=Concrete

X=Other adjacent ground (soil)

Item No.	Transfer Check				Sample Number	Source Code	Date Sampled	Time Sampled	PC83									
	1	2	3	4					Soil VOA Val.	Soil VOA Val.	Glass Soil Co.	Other	Water VOA	Glass Number	Plastic - As is	Plastic - HNO ₃	Plastic - NaOH	
51	/	/	/	/	201305021203	X	5-3-13	1052	✓									Composite 7110B 7111B
52	/	/	/	/				1054	✓									
53	/	/	/	/				1056	✓									Composite 7112B
54	/	/	/	/				1058	✓									7113B
55	/	/	/	/				1100	✓									Composite 7118B 7119B
56	/	/	/	/				1102	✓									
57	/	/	/	/				1104	✓									Composite 7120B 7121B
58	/	/	/	/				1106	✓									
59	/	/	/	/				1108	✓									Composite 7122B 7123B
60	/	/	/	/				1110	✓									

Transfer Number

Relinquished By

Accepted By

Date

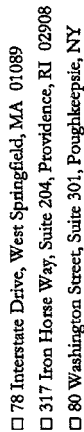
Time

Charge Exceptions: ☐ CT Tax Exempt ☐ QA/QC ☐ Other _____
_____ Duplicates _____ Blanks (Item Nos: _____)

Reporting and Detection Limit Requirements: ☐ RCP Deliverables ☐ MCP CAM Cert.

Composite At 0.5 ppm

Additional Comments: Surface soil at 5 feet from column



27733



FUSS & O'NEILL
(860) 646-2469 • www.FandO.com

- ☐ 146 Hartford Road, Manchester, CT 06040
☒ 56 Quarry Road, Trumbull, CT 06611
☐ 1419 Richland Street, Columbia, SC 29201

- ☐ 78 Interstate Drive, West Springfield, MA 01089
☐ 317 Iron Horse Way, Suite 204, Providence, RI 02908
☐ 80 Washington Street, Suite 301, Poughkeepsie, NY

☐ Other

CHAIN-OF-CUSTODY RECORD 27735

PROJECT NAME

Central Highschool

PROJECT LOCATION

Bridgeport, CT

PROJECT NUMBER

2010793, ALE

LABORATORY

Phoenix

REPORT TO:

Kevin McCarthy / Karen Radfield

Analysis Request

Containers

INVOICE TO:

P.O. No.: 2010793, ALE

Sampler's Signature:

[Signature]

Date: 5-9-13

Source Codes:

MW=Monitoring Well PW=Potable Water T=Treatment Facility S=Soil B=Sediment
SW=Surface Water ST=Stormwater W=Waste A=Air C=Concrete

X=Other adjacent ground (soil)

Item No.	Transfer Check				Sample Number	Source Code	Date Sampled	Time Sampled
	1	2	3	4				
71	/	/	/	/	-ECC-AG-soil-134B	X	5-3-13	1132
72	/	/	/	/	-ECC-AG-soil-135B			1134
73	/	/	/	/	-ECC-AG-soil-136B			1136
74	/	/	/	/	-ECC-AG-soil-137B			1138
75	/	/	/	/	-ECC-AG-soil-138B			1140
76	/	/	/	/	-ECC-AG-soil-139B			1142
77	/	/	/	/	-ECC-AG-soil-140B			1144
78	/	/	/	/	-ECC-AG-soil-141B			1146
79	/	/	/	/	-ECC-AG-soil-142B			1148
80	/	/	/	/	-ECC-AG-soil-143B			1150

Transfer Number

Relinquished By

Accepted By

Date

Charge Exceptions: ☐ CT Tax Exempt ☐ QA/QC ☐ Other

Duplicates (Item Nos.)

Reporting and Detection Limit Requirements: ☐ RCP Deliverables ☐ MCP CAM Cert.

Composite AG samples < 0.5 ppm

Additional Comments: Surface soil at 5 feet from column



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
05/03/13	11:54
05/14/13	16:13

Laboratory Data

SDG ID: GBD78456
Phoenix ID: BD78456

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-158B-159B COMP

<u>Parameter</u>	<u>Result</u>	<u>RL/ PQL</u>	<u>Units</u>	<u>Date/Time</u>	<u>By</u>	<u>Reference</u>
Percent Solid	87		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	NP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.19	mg/kg	05/16/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	87	%	05/16/13	AW	30 - 150 %
% TCMX	73	%	05/16/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD78456

Client ID: 201305021203-ECC-AG-SOIL-158B-159B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

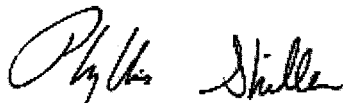
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date Time

05/03/13 11:58
05/14/13 16:13

Laboratory Data

SDG ID: GBD78456
Phoenix ID: BD78457

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-160B-161B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	84		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	NP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.19	mg/kg	05/16/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	88	%	05/16/13	AW	30 - 150 %
% TCMX	72	%	05/16/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD78457

Client ID: 201305021203-ECC-AG-SOIL-160B-161B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------


RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date Time

05/03/13 13:01
05/14/13 16:13

Laboratory Data

SDG ID: GBD78456
Phoenix ID: BD78458

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-162B-163B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	89		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	NP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	0.47	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.19	mg/kg	05/16/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	84	%	05/16/13	AW	30 - 150 %
% TCMX	79	%	05/16/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD78458

Client ID: 201305021203-ECC-AG-SOIL-162B-163B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

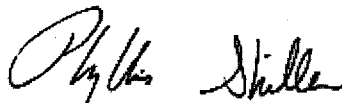
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
05/03/13	13:04
05/14/13	16:13

Laboratory Data

SDG ID: GBD78456
Phoenix ID: BD78459

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-164B-165B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	87		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	NP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.19	mg/kg	05/16/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	79	%	05/16/13	AW	30 - 150 %
% TCMX	67	%	05/16/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD78459

Client ID: 201305021203-ECC-AG-SOIL-164B-165B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

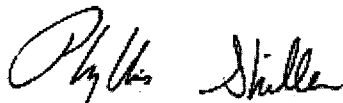
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

05/03/13
05/14/13

Time

13:08
16:13

Laboratory Data

SDG ID: GBD78456
Phoenix ID: BD78460

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-166B-167B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	86		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	NP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.19	mg/kg	05/16/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	80	%	05/16/13	AW	30 - 150 %
% TCMX	61	%	05/16/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD78460

Client ID: 201305021203-ECC-AG-SOIL-166B-167B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date Time
05/03/13 13:12
05/14/13 16:13

Laboratory Data

SDG ID: GBD78456
Phoenix ID: BD78461

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-168B-169B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	85		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	NP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.19	mg/kg	05/16/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	82	%	05/16/13	AW	30 - 150 %
% TCMX	76	%	05/16/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD78461

Client ID: 201305021203-ECC-AG-SOIL-168B-169B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

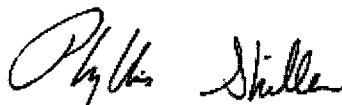
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

05/03/13
05/14/13

Time

13:16
16:13

Laboratory Data

SDG ID: GBD78456
Phoenix ID: BD78462

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-170B-171B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	88		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	NP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.19	mg/kg	05/16/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	74	%	05/16/13	AW	30 - 150 %
% TCMX	73	%	05/16/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD78462

Client ID: 201305021203-ECC-AG-SOIL-170B-171B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date Time

05/03/13 13:20
05/14/13 16:13

Laboratory Data

SDG ID: GBD78456
Phoenix ID: BD78463

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-172B-173B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	88		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	NP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/16/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	98	%	05/16/13	AW	30 - 150 %
% TCMX	73	%	05/16/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD78463

Client ID: 201305021203-ECC-AG-SOIL-172B-173B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

05/03/13
05/14/13

Time

13:24
16:13

Laboratory Data

SDG ID: GBD78456
Phoenix ID: BD78464

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-174B-175B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	82		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	NP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.2	mg/kg	05/16/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	89	%	05/16/13	AW	30 - 150 %
% TCMX	76	%	05/16/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD78464

Client ID: 201305021203-ECC-AG-SOIL-174B-175B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
05/06/13	9:42
05/14/13	16:13

Laboratory Data

SDG ID: GBD78456
Phoenix ID: BD78465

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-181B-182B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	84		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	NP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.2	mg/kg	05/16/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	87	%	05/16/13	AW	30 - 150 %
% TCMX	60	%	05/16/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD78465

Client ID: 201305021203-ECC-AG-SOIL-181B-182B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

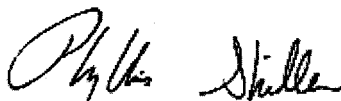
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

05/06/13
05/14/13

Time

9:46
16:13

Laboratory Data

SDG ID: GBD78456
Phoenix ID: BD78466

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-183B-184B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	92		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	NP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/16/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	92	%	05/16/13	AW	30 - 150 %
% TCMX	72	%	05/16/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD78466

Client ID: 201305021203-ECC-AG-SOIL-183B-184B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

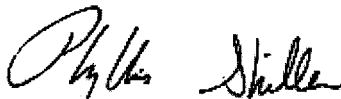
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

05/06/13
05/14/13

Time

9:48
16:13

Laboratory Data

SDG ID: GBD78456
Phoenix ID: BD78467

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-185B

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	92		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	NP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.35	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.35	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.35	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.35	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.35	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.35	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.35	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.35	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.35	mg/kg	05/16/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	94	%	05/16/13	AW	30 - 150 %
% TCMX	69	%	05/16/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-185B

Phoenix I.D.: BD78467

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

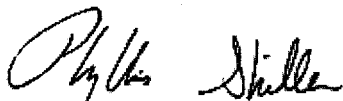
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

Time

05/06/13 9:52
05/14/13 16:13

Laboratory Data

SDG ID: GBD78456
Phoenix ID: BD78468

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-186B-187B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	93		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	NP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/16/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	95	%	05/16/13	AW	30 - 150 %
% TCMX	67	%	05/16/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD78468

Client ID: 201305021203-ECC-AG-SOIL-186B-187B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

05/06/13
05/14/13

Time

9:56
16:13

Laboratory Data

SDG ID: GBD78456
Phoenix ID: BD78469

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-188B-189B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	92		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	NP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/16/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	96	%	05/16/13	AW	30 - 150 %
% TCMX	72	%	05/16/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD78469

Client ID: 201305021203-ECC-AG-SOIL-188B-189B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

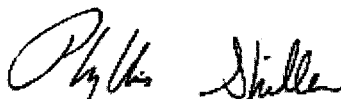
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
05/03/13	10:00
05/14/13	16:13

Laboratory Data

SDG ID: GBD78456
Phoenix ID: BD78470

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-190B-191B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	92		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	NP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/16/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	93	%	05/16/13	AW	30 - 150 %
% TCMX	71	%	05/16/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD78470

Client ID: 201305021203-ECC-AG-SOIL-190B-191B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date	Time
05/06/13	10:04
05/14/13	16:13

Laboratory Data

SDG ID: GBD78456
Phoenix ID: BD78471

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-192B-193B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	80		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	NP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.2	mg/kg	05/16/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	95	%	05/16/13	AW	30 - 150 %
% TCMX	72	%	05/16/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD78471

Client ID: 201305021203-ECC-AG-SOIL-192B-193B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

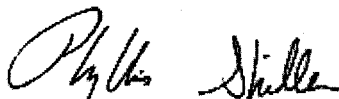
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
05/06/13	10:08
05/14/13	16:13

Laboratory Data

SDG ID: GBD78456
Phoenix ID: BD78472

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-194B-195B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	86		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	NP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.19	mg/kg	05/16/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	92	%	05/16/13	AW	30 - 150 %
% TCMX	78	%	05/16/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD78472

Client ID: 201305021203-ECC-AG-SOIL-194B-195B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------


RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

05/06/13
05/14/13

Time

10:12
16:13

Laboratory Data

SDG ID: GBD78456
Phoenix ID: BD78473

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-196B-197B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	91		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	NP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/16/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	89	%	05/16/13	AW	30 - 150 %
% TCMX	69	%	05/16/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD78473

Client ID: 201305021203-ECC-AG-SOIL-196B-197B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

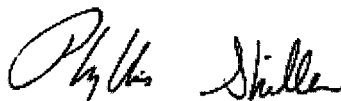
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

05/06/13
05/14/13

Time

10:16
16:13

Laboratory Data

SDG ID: GBD78456
Phoenix ID: BD78474

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-198B-199B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	90		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	NP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/16/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	93	%	05/16/13	AW	30 - 150 %
% TCMX	80	%	05/16/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD78474

Client ID: 201305021203-ECC-AG-SOIL-198B-199B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

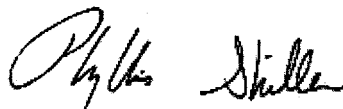
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
05/06/13	10:20
05/14/13	16:13

Laboratory Data

SDG ID: GBD78456
Phoenix ID: BD78475

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-200B-201B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	88		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	NP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.19	mg/kg	05/16/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	86	%	05/16/13	AW	30 - 150 %
% TCMX	68	%	05/16/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD78475

Client ID: 201305021203-ECC-AG-SOIL-200B-201B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

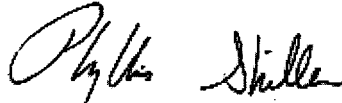
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

May 20, 2013

QA/QC Data

SDG I.D.: GBD78456

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 230631, QC Sample No: BD78466 (BD78456, BD78457, BD78458, BD78459, BD78460, BD78461, BD78462, BD78463, BD78464, BD78465, BD78466, BD78467, BD78468, BD78469)									
Polychlorinated Biphenyls - Solid									
PCB-1016	ND	80	79	1.3	86	83	3.6	40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	85	81	4.8	89	88	1.1	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	74	74	69	7.0	106	111	4.6	30 - 150	30
% TCMX (Surrogate Rec)	69	75	76	1.3	81	74	9.0	30 - 150	30

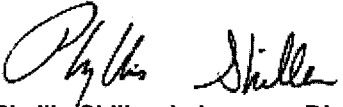
QA/QC Batch 230638, QC Sample No: BD78472 (BD78470, BD78471, BD78472, BD78473, BD78474, BD78475)

Polychlorinated Biphenyls - Solid

PCB-1016	ND	83	81	2.4	85	85	0.0	40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	84	82	2.4	84	79	6.1	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	99	86	83	3.6	90	85	5.7	30 - 150	30
% TCMX (Surrogate Rec)	80	84	76	10.0	88	87	1.1	30 - 150	30

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference


Phyllis Shiller, Laboratory Director
May 20, 2013

Monday, May 20, 2013
Requested Criteria: None
State: CT

Sample Criteria Exceedences Report

GBD78456 - FOPCBTR

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL	Analysis Units
--------	-------	-----------------	----------	--------	----	----------	----	----------------

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Reasonable Confidence Protocol Laboratory Analysis QA/QC Certification Form

Laboratory Name: Phoenix Environmental Labs, Inc. **Client:** F&OPCBTR

Project Location: CENTRAL HIGH SCHOOL **Project Number:**

Laboratory Sample ID(s): BD78456, BD78457, BD78458, BD78459, BD78460, BD78461, BD78462, BD78463, BD78464, BD78465, BD78466, BD78467, BD78468, BD78469, BD78470, BD78471, BD78472, BD78473, BD78474, BD78475

Sampling Date(s): 5/3/2013, 5/6/2013

RCP Methods Used:

☐ 1311/1312 ☐ 6010 ☐ 7000 ☐ 7196 ☐ 7470/7471 ☐ 8081 ☐ EPH ☐ TO15
☒ 8082 ☐ 8151 ☐ 8260 ☐ 8270 ☐ ETPH ☐ 9010/9012 ☐ VPH

1.	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1a.	Were the method specified preservation and holding time requirements met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1b.	EPH and VPH methods only: Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA
2.	Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3.	Were samples received at an appropriate temperature (< 6 Degrees C)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
4.	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5a.	Were reporting limits specified or referenced on the chain-of-custody?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5b.	Were these reporting limits met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
6.	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
7.	Are project-specific matrix spikes and laboratory duplicates included in the data set?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA

Note: For all questions to which the response was "No" (with the exception of question #5a, #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence".

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized
Signature:

Kathleen Cressia

Date: Monday, May 20, 2013

Printed Name: Kathleen Cressia

Position: QA/QC Officer



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

May 20, 2013

SDG I.D.: GBD78456

PCB Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Au-ecd24 05/16/13-1 (BD78456, BD78457, BD78458, BD78459, BD78460, BD78461, BD78462, BD78463, BD78464, BD78465, BD78466, BD78467, BD78468, BD78469, BD78470, BD78471, BD78472, BD78473, BD78474, BD78475)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 5/16/2013



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

May 20, 2013

SDG I.D.: GBD78456

QC (Site Specific)

———— Sample No: BD78466, QA/QC Batch: 230631 ————

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

All MS recoveries were within 40 - 140 with the following exceptions: None.

All MSD recoveries were within 40 - 140 with the following exceptions: None.

All MS/MSD RPDs were less than 30% with the following exceptions: None.

———— Sample No: BD78472, QA/QC Batch: 230638 ————

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

All MS recoveries were within 40 - 140 with the following exceptions: None.

All MSD recoveries were within 40 - 140 with the following exceptions: None.

All MS/MSD RPDs were less than 30% with the following exceptions: None.

A matrix effect is suspected when a MS/MSD recovery is outside of criteria. No further action is required if LCS/LCSD compounds are within criteria.

Temperature Narration

The samples were received at 6C with cooling initiated.
(Note acceptance criteria is above freezing up to 6°C)



FUSS & O'NEILL

(860) 646-2469 • www.FandO.com

- ☐ 146 Hartford Road, Manchester, CT 06040
☒ 56 Quarry Road, Trumbull, CT 06611
☐ 1419 Richland Street, Columbia, SC 29201

- ☐ 78 Interstate Drive, West Springfield, MA 01089
☐ 317 Iron Horse Way, Suite 204, Providence, RI 02908
☐ 80 Washington Street, Suite 301, Poughkeepsie, NY

Other _____

CHAIN-OF-CUSTODY RECORD 27736

PROJECT NAME

Central Highschool

PROJECT LOCATION

Bridgeport, CT

REPORT TO:

Kevin McCarthy / Carron Redfield

INVOICE TO:

P.O. NO.: 20110793.AZE

Sampler's Signature:

Janet Blum

Date: 5-9-13

Source Codes:

MW=Monitoring Well
SW=Surface Water

PW=Potable Water
ST=Stormwater

T=Treatment Facility
W=Waste

S=Soil
A=Air
C=Concrete

X=Other adjacent ground (Soil)

PROJECT NUMBER

20110793.AZE

LABORATORY

Phoenix

- ☐ 24-Hour* ☐ 72-Hour* ☐ Other _____ (days)
☒ 48-Hour* ☒ Standard (5 days) *Surcharge Applies

Analysis Request

Containers

Item No.	Transfer Check	Sample Number	Source Code	Date Sampled	Time Sampled	Soil VOA Val. □ methanol	Glass VOA Val. □ water	Other	Water VOA Val. □ As is	Glass Amber () ml	Plastic - As is, □ 250 ml	Plastic - H ₂ SO ₄ □ 250 ml	Plastic - HNO ₃ □ 250 ml	Plastic - NaOH, 250 ml	Comments
81	/	-ECC-AG-Soil-158B	X	5-3-13	1152										Composite 158B
82	/	-ECC-AG-Soil-159B			1154										119B
83	/	-ECC-AG-Soil-160B			1156										Composite 160B
84	/	-ECC-AG-Soil-161B			1158										161B
85	/	-ECC-AG-Soil-162B			1200										Composite 162B
86	/	-ECC-AG-Soil-163B			1300										163B
87	/	-ECC-AG-Soil-164B			1302										Composite 164B
88	/	-ECC-AG-Soil-165B			1304										165B
89	/	-ECC-AG-Soil-166B			1306										Composite 166B
90	/	-ECC-AG-Soil-167B			1308										167B

Transfer Number

Relinquished By

Accepted By

Date

Charge Exceptions: ☐ CT Tax Exempt ☐ QA/QC ☐ Other _____

____ Duplicates _____ Blanks (Item Nos: _____)

Reporting and Detection Limit Requirements: ☐ RCP Deliverables ☐ MCP CAM Cert.

Composite AG samples < 0.5 ppm

Additional Comments: surface soil at 5 foot from column



FUSS & O'NEILL

(860) 646-2469 • www.FandO.com

- ☐ 146 Hartford Road, Manchester, CT 06040
☒ 56 Quarry Road, Trumbull, CT 06611
☐ 1419 Richland Street, Columbia, SC 29201

- ☐ 78 Interstate Drive, West Springfield, MA 01089
☐ 317 Iron Horse Way, Suite 204, Providence, RI 02908
☐ 80 Washington Street, Suite 301, Poughkeepsie, NY

☐ Other

CHAIN-OF-CUSTODY RECORD 27737

PROJECT NAME

Central High School

PROJECT LOCATION

Bridgeport, CT

PROJECT NUMBER

20110793-A2E

LABORATORY

Phoenix

REPORT TO:

Kevin McCarthy / Warren Redfield

Analysis Request

Containers

INVOICE TO:

P.O. No.: 20110793-A2E

Sampler's Signature:

James Blum

Date: 5-9-13

Source Codes:

MW=Monitoring Well
SW=Surface Water
X=Other adjacent ground (soil)

PW=Portable Water
ST=Stormwater

T=Treatment Facility
W=Waste
A=Air
S=Soil
C=Concrete
B=Sediment

Transfer Check

1 2 3 4

Sample Number

Source Code

Date Sampled

Time Sampled

Item No.

201305029203

X

5-3-13

1310

91

-ECC-AG-soil-168B

✓

92

-ECC-AG-soil-169B

✓

93

-ECC-AG-soil-170B

✓

94

-ECC-AG-soil-171B

✓

95

-ECC-AG-soil-172B

✓

96

-ECC-AG-soil-173B

✓

97

-ECC-AG-soil-174B

✓

98

-ECC-AG-soil-175B

✓

99

-ECC-AG-soil-181B

5-6-13

✓

100

-ECC-AG-soil-182B

✓

Comments

Composite 168B

✓

Composite 170B

✓

Composite 171B

✓

Composite 172B

✓

Composite 173B

✓

Composite 174B

✓

Composite 175B

✓

Composite 181B

✓

Composite 182B

✓

Relinquished By

Accepted By

Date

Time

1 B. Hobbins

F&O Findgr

5-10

1200

2 F&O Findgr

F&O Findgr

5-14-13

1000

3 *[Signature]*

[Signature]

5/14/13

↓

4 *[Signature]*

[Signature]

5/14/13

1213

Charge Exceptions: ☐ CT Tax Exempt ☐ QA/QC ☐ Other ☐ Duplicates ☐ Blanks (Item Nos:)

Reporting and Detection Limit Requirements: ☐ RCP Deliverables ☐ MCP CAM Cert.

Additional Comments: Composite AG samples < 0.5 ppm
Surface soil at 5 Feet from column

(866) 646-2469 • www.FandO.com

- ☐ 146 Hartford Road, Manchester, CT 06040
- ☒ 56 Quarry Road, Trumbull, CT 06611
- ☐ 1419 Richland Street, Columbia, SC 29201

☐ 78 Interstate Drive, West Springfield, MA 01089
☐ 317 Iron Horse Way, Suite 204, Providence, RI 02908
☐ 80 Washington Street, Suite 301, Poughkeepsie, NY

☐ Other:

CHAIN-OF-CUSTODY RECORD

27738

PROJECT NAME				PROJECT LOCATION				PROJECT NUMBER				LABORATORY			
Central High School				Bridgeport, CT				2010793.A2E				Phoenix			
REPORT TO: Kevin McElrath / Karen Redfield				INVOICE TO:				Analysis Request				Containers			
P.O. No.: 2010793.A2E				Date: 5-9-03											
Sampler's Signature: <i>[Signature]</i>															
Source Codes:															
MW=Monitoring Well				PW=Portable Water				T=Treatment Facility				S=Soil			
SW=Surface Water				ST=Stormwater				W=Waste				A=Air			
X=Other				adjacent ground (soil)											
Transfer Check		Sample Number		Source Code		Date Sampled		Time Sampled		Soil VOA Val.		Glass Soil Container		Other	
Item No.	1	2	3	4											
101	/				-ECC-AG-soil-183B	X	5-6-03	944							
102	/				-ECC-AG-soil-184B			946							
103	/				-ECC-AG-soil-185B			948							
104	/				-ECC-AG-soil-186B			950							
105	/				-ECC-AG-soil-187B			952							
106	/				-ECC-AG-soil-188B			954							
107	/				-ECC-AG-soil-189B			956							
108	/				-ECC-AG-soil-190B			958							
109	/				-ECC-AG-soil-191B			1000							
110	/				-ECC-AG-soil-192B			1002							

Transfer Number	Relinquished By	Accepted By	Date	Time	Charge Exceptions: <input type="checkbox"/> CT Tax Exempt <input type="checkbox"/> QA/QC <input type="checkbox"/> Other _____ _____ Duplicates _____ Blanks (Item Nos: _____)
1	B. Hobbins	P.O. Fridge	5-70	1200	Reporting and Detection Limit Requirements: <input type="checkbox"/> RCP Deliverables <input type="checkbox"/> MCP CAM Cert. (185B)
2	P.O. Fridge	B. Hobbins	5-14-13	1000	Composite of 6 samples < 0.5 ppm / discrete sample < 1 ppm
3	B. Hobbins	P.O. Fridge	5-14-13	1000	Additional Comments: surface soil at 5 feet from column
4	B. Hobbins	P.O. Fridge	5-14-12	1013	



FUSS & O'NEILL

(860) 646-2469 • www.FandO.com

- ☐ 146 Hartford Road, Manchester, CT 06040
☒ 56 Quarry Road, Trumbull, CT 06611
☐ 1419 Richland Street, Columbia, SC 29201

- ☐ 78 Interstate Drive, West Springfield, MA 01089
☐ 317 Iron Horse Way, Suite 204, Providence, RI 02908
☐ 80 Washington Street, Suite 301, Poughkeepsie, NY

☐ Other

CHAIN-OF-CUSTODY RECORD 27740

- ☐ 24-Hour* ☐ 72-Hour* ☐ Other _____ (days)
☐ 48-Hour* ☒ Standard (5 days) *Surcharge Applies

PROJECT NAME
Central High School

PROJECT LOCATION
Bridgewater, CT

PROJECT NUMBER
2010793.AZE

LABORATORY
Phoenix

REPORT TO: **Kevin McElrath / Karen Redfield**

INVOICE TO:

P.O. No.: **2010793.AZE**

Sampler's Signature: **[Signature]** Date: **5-9-13**

Source Codes:
MW=Monitoring Well PW=Pondable Water T=Treatment Facility S=Soil B=Sediment
SW=Surface Water ST=Stormwater W=Waste A=Air C=Concrete

X=Other **adjacent ground (soil)**

Analysis Request

Containers

Item No.	Transfer Check 1 2 3 4	Sample Number	Source Code	Date Sampled	Time Sampled	Soil VOA Vial, □ water □ Na ₂ SO ₃ Glass VOA Vial, □ water □ Na ₂ SO ₃ Other	Water VOA Vial, □ As ₃ □ HCl Glass Amber () ml □ As ₃ □ H ₂ O ₂ Plastic - As ₃ □ 250 ml □ 500 ml Plastic - HNO ₃ □ 250 ml □ 500 ml Plastic - NaOH, 250 ml	Comments
111	/	-ECC-AG-SOI-1-193B	X	5-6-13	1004	/	/	Composite 193B
112	/	-ECC-AG-SOI-1-194B	/	/	1006	/	/	Composite 194B
113	/	-ECC-AG-SOI-1-195B	/	/	1008	/	/	Composite 195B
114	/	-ECC-AG-SOI-1-196B	/	/	1010	/	/	Composite 196B
115	/	-ECC-AG-SOI-1-197B	/	/	1012	/	/	Composite 197B
116	/	-ECC-AG-SOI-1-198B	/	/	1014	/	/	Composite 198B
117	/	-ECC-AG-SOI-1-199B	/	/	1016	/	/	Composite 199B
118	/	-ECC-AG-SOI-1-200B	/	/	1018	/	/	Composite 200B
119	/	-ECC-AG-SOI-1-201B	/	/	1020	/	/	Composite 201B
120	/	-ECC-AG-SOI-1-202B	/	/	1022	/	/	Composite 202B

Transfer Number	Relinquished By	Accepted By	Date	Time
1	B. Robbins	F.O. Fridge	5-10	1200
2	F.O. Fridge	[Signature]	5-14-13	1000
3	[Signature]	[Signature]	5/14/13	1013
4	[Signature]	[Signature]	5/14/13	1013

Charge Exceptions: ☐ CT Tax Exempt ☐ QA/QC ☐ Other _____
_____ Duplicates _____ Blanks (Item Nos: _____)

Reporting and Detection Limit Requirements: ☐ RCP Deliverables ☐ MCP CAM Cert.

Composite AG samples 60.5 ppm

Additional Comments: surface soil at 5 Feet from column



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

05/06/13
05/14/13

Time

10:24
16:13

Laboratory Data

SDG ID: GBD78476
Phoenix ID: BD78476

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-202B-203B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	88		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	NP/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	90		%	05/16/13	AW	30 - 150 %
% TCMX	76		%	05/16/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD78476

Client ID: 201305021203-ECC-AG-SOIL-202B-203B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

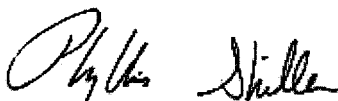
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

05/06/13
05/14/13

Time

10:28
16:13

Laboratory Data

SDG ID: GBD78476
Phoenix ID: BD78477

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-204B-205B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	84		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	NP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.2	mg/kg	05/16/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	93	%	05/16/13	AW	30 - 150 %
% TCMX	73	%	05/16/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD78477

Client ID: 201305021203-ECC-AG-SOIL-204B-205B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

05/06/13
05/14/13

Time

10:32
16:13

Laboratory Data

SDG ID: GBD78476
Phoenix ID: BD78478

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-206B-207B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	86		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	NP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.19	mg/kg	05/16/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	82	%	05/16/13	AW	30 - 150 %
% TCMX	72	%	05/16/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD78478

Client ID: 201305021203-ECC-AG-SOIL-206B-207B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

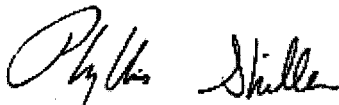
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
05/06/13	10:36
05/14/13	16:13

Laboratory Data

SDG ID: GBD78476
Phoenix ID: BD78479

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-208B-209B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	89		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	NP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.91	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.91	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.91	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.91	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.91	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.91	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	3.9	0.91	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.91	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.91	mg/kg	05/16/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	95	%	05/16/13	AW	30 - 150 %
% TCMX	82	%	05/16/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD78479

Client ID: 201305021203-ECC-AG-SOIL-208B-209B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

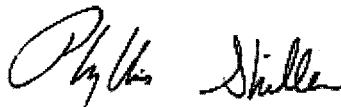
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

05/06/13
05/14/13

Time

10:40
16:13

Laboratory Data

SDG ID: GBD78476
Phoenix ID: BD78480

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-210B-211B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	91		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	NP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/16/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	96	%	05/16/13	AW	30 - 150 %
% TCMX	74	%	05/16/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD78480

Client ID: 201305021203-ECC-AG-SOIL-210B-211B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

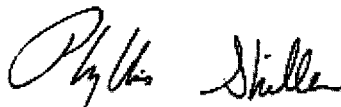
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

Time

05/06/13 10:44
05/14/13 16:13

Laboratory Data

SDG ID: GBD78476
Phoenix ID: BD78481

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-212B-213B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	90		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	NP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/16/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	86	%	05/16/13	AW	30 - 150 %
% TCMX	70	%	05/16/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD78481

Client ID: 201305021203-ECC-AG-SOIL-212B-213B COMP.

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

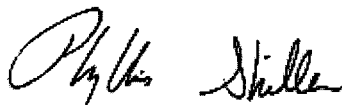
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

05/06/13
05/14/13

Time

10:48
16:13

Laboratory Data

SDG ID: GBD78476
Phoenix ID: BD78482

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-214B-215B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	85		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	NP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.19	mg/kg	05/16/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	78	%	05/16/13	AW	30 - 150 %
% TCMX	71	%	05/16/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD78482

Client ID: 201305021203-ECC-AG-SOIL-214B-215B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

May 20, 2013

QA/QC Data

SDG I.D.: GBD78476

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 230638, QC Sample No: BD78472 (BD78476, BD78477, BD78478, BD78479, BD78480, BD78481, BD78482)									
Polychlorinated Biphenyls - Solid									
PCB-1016	ND	83	81	2.4	85	85	0.0	40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	84	82	2.4	84	79	6.1	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	99	86	83	3.6	90	85	5.7	30 - 150	30
% TCMX (Surrogate Rec)	80	84	76	10.0	88	87	1.1	30 - 150	30

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference

LCS - Laboratory Control Sample

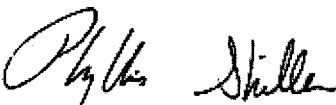
LCSD - Laboratory Control Sample Duplicate

MS - Matrix Spike

MS Dup - Matrix Spike Duplicate

NC - No Criteria

Intf - Interference


Phyllis Shiller, Laboratory Director
May 20, 2013

Monday, May 20, 2013

Requested Criteria: None

State: CT

SampNo Acode

Phoenix Analyte

Criteria

Result

RL

Criteria

RL
Criteria

Analysis
Units

Sample Criteria Exceedences Report

GBD78476 - FOPCBTR

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Reasonable Confidence Protocol Laboratory Analysis QA/QC Certification Form

Laboratory Name: Phoenix Environmental Labs, Inc. **Client:** F&OPCBTR

Project Location: CENTRAL HIGH SCHOOL **Project Number:**

Laboratory Sample ID(s): BD78476, BD78477, BD78478, BD78479, BD78480, BD78481, BD78482

Sampling Date(s): 5/6/2013

RCP Methods Used:

☐ 1311/1312 ☐ 6010 ☐ 7000 ☐ 7196 ☐ 7470/7471 ☐ 8081 ☐ EPH ☐ TO15
☒ 8082 ☐ 8151 ☐ 8260 ☐ 8270 ☐ ETPH ☐ 9010/9012 ☐ VPH

1.	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1a.	Were the method specified preservation and holding time requirements met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1b.	EPH and VPH methods only: Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA
2.	Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3.	Were samples received at an appropriate temperature (< 6 Degrees C)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
4.	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5a.	Were reporting limits specified or referenced on the chain-of-custody?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5b.	Were these reporting limits met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
6.	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
7.	Are project-specific matrix spikes and laboratory duplicates included in the data set?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA

Note: For all questions to which the response was "No" (with the exception of question #5a, #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence".

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized
Signature: _____

Kathleen Cressia

Date: Monday, May 20, 2013

Printed Name: Kathleen Cressia

Position: QA/QC Officer



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

May 20, 2013

SDG I.D.: GBD78476

PCB Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Au-ecd3 05/16/13-1 (BD78476, BD78477, BD78478, BD78479, BD78480, BD78481, BD78482)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 5/16/2013

QC (Batch Specific)

———— Sample No: BD78472, QA/QC Batch: 230638 ————

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

Temperature Narration

The samples were received at 6C with cooling initiated.
(Note acceptance criteria is above freezing up to 6°C)



FUSS & O'NEILL

(860) 646-2469 • www.FandO.com

- ☐ 146 Hartford Road, Manchester, CT 06040
☒ 356 Quarry Road, Trumbull, CT 06611
☐ 1419 Richland Street, Columbia, SC 29201

- ☐ 78 Interstate Drive, West Springfield, MA 01089
☐ 317 Iron Horse Way, Suite 204, Providence, RI 02908
☐ 80 Washington Street, Suite 301, Poughkeepsie, NY

☐ Other _____

CHAIN-OF-CUSTODY RECORD 27741

PROJECT NAME

Central High School

PROJECT LOCATION

Bridgeport, CT

PROJECT NUMBER

2016793.AZE

LABORATORY

Phoenix

REPORT TO: Kevin McElrath / Karen Redfield

Analysis Request

Containers

INVOICE TO:

P.O. NO.: 2016793.AZE

Sampler's Signature: *[Signature]*

Date: 5-9-0

Source Codes:
MW=Monitoring Well
SW=Surface Water

PW=Potable Water
ST=Stormwater

T=Treatment Facility
W=Waste

S=Soil
C=Concrete

X=Other adjacent ground (soil)

Item No.	Transfer Check				Sample Number	Source Code	Date Sampled	Time Sampled	Analysis									
	1	2	3	4					Soil VOA Val. □ methanol	Glass VOA Val. □ water	Other □ Na ₂ SO ₄	Water VOA Val. □ As is	Glass Amber () ml □ As is	Plastic - H ₂ SO ₄ □ 250 ml □ 500 □ 1000 ml	Plastic - HNO ₃ □ 250 ml □ Filtered □ 0.45 μ □ 19 μ	Comments		
121	✓				20165021203	X	5-6-13	1014	✓							78476	Compos. 1/2 203B + 203B	
122	✓				- E CC-AG-Soil-204B			1016	✓							78477	Compos. 1/2 204B	
123	✓				- E CC-AG-Soil-205B			1028	✓								205B	
124	✓				- E CC-AG-Soil-206B			1030	✓							78478	Compos. 1/2 206B	
125	✓				- E CC-AG-Soil-207B			1032	✓								207B	
126	✓				- E CC-AG-Soil-208B			1034	✓							78479	Compos. 1/2 208B	
127	✓				- E CC-AG-Soil-209B			1036	✓								209B	
128	✓				- E CC-AG-Soil-210B			1038	✓							78480	Compos. 1/2 210B	
129	✓				- E CC-AG-Soil-211B			1040	✓								211B	
130	✓				- E CC-AG-Soil-212B			1042	✓							78481	Compos. 1/2 212B + 203B	

Transfer Number	Relinquished By	Accepted By	Date	Time	Charge Exceptions: <input type="checkbox"/> CT Tax Exempt <input type="checkbox"/> QA/QC <input type="checkbox"/> Other _____
1	B. Robbins	F & O Fridge	5-10	1200	<input type="checkbox"/> Duplicates _____ <input type="checkbox"/> Blanks (Item Nos: _____)
2	F & O Fridge		5-14-13	1000	Reporting and Detection Limit Requirements: <input type="checkbox"/> RCP Deliverables <input type="checkbox"/> MCP CAM Cert.
3					Composite AG sample 10.5 ppm
4			5/14/13	1013	Additional Comments: surface soil at 5 feet from column



FUSS & O'NEILL

(860) 646-2469 • www.FandO.com

- ☐ 146 Hartford Road, Manchester, CT 06040
☒ 56 Quarry Road, Trumbull, CT 06611
☐ 1419 Richland Street, Columbia, SC 29201

- ☐ 78 Interstate Drive, West Springfield, MA 01089
☐ 317 Iron Horse Way, Suite 204, Providence, RI 02908
☐ 80 Washington Street, Suite 301, Poughkeepsie, NY

CHAIN-OF-CUSTODY RECORD 27743

PROJECT NAME

Central High School

PROJECT LOCATION

Bridgeport, CT

PROJECT NUMBER

2010793.A2E

LABORATORY

Phoenix

REPORT TO: Kevin McCarthy / Karen Redfield

Analysis Request

Containers

INVOICE TO:

P.O. No.: 2010793.A2E

Sampler's Signature:

James Kim

Date: 5-9-13

Source Codes:

MW=Monitoring Well
SW=Surface Water
ST=Stormwater
PW=Potable Water
T=Treatment Facility
W=Waste
A=Air
B=Sediment
C=Concrete

X=Other adjacent ground (soil)

Transfer Check

1 2 3 4

Sample Number

20130502.1203

Source Code

X

Date Sampled

5-6-13

Time Sampled

1044

Item No.

131

-ECC-AG-SOI-213B

✓

132

-ECC-AG-SOI-214B

✓

133

-ECC-AG-SOI-215B

✓

Soil VOA Val. □ methanol

Soil VOA Val. □ water

Soil VOA Val. □ Na₂SO₄

Other: □ Na₂SO₄

Other: □ Na₂SO₄

Other: □ Na₂SO₄

Other: □ Na₂SO₄

Other: □ Na₂SO₄

Other: □ Na₂SO₄

Other: □ Na₂SO₄

Other: □ Na₂SO₄

Other: □ Na₂SO₄

Other: □ Na₂SO₄

Other: □ Na₂SO₄

Other: □ Na₂SO₄

Other: □ Na₂SO₄

Other: □ Na₂SO₄

Other: □ Na₂SO₄

Other: □ Na₂SO₄

Other: □ Na₂SO₄

Other: □ Na₂SO₄

Other: □ Na₂SO₄

Other: □ Na₂SO₄

Other: □ Na₂SO₄

Other: □ Na₂SO₄

Other: □ Na₂SO₄

Other: □ Na₂SO₄

Other: □ Na₂SO₄

Other: □ Na₂SO₄

Other: □ Na₂SO₄

Other: □ Na₂SO₄

Other: □ Na₂SO₄

Other: □ Na₂SO₄

Transfer Number

1

Relinquished By

B. Hobbins

Accepted By

FVO FERRER

Date

5-10

Time

1200

2

FVO Fridge

FVO FERRER

Date

5-14-13

Time

1000

3

FVO Fridge

FVO FERRER

Date

5-14-13

Time

1000

4

FVO Fridge

FVO FERRER

Date

5-14-13

Time

1000

Charge Exceptions: ☐ CT Tax Exempt ☐ QA/QC ☐ Other ()
____ Duplicates _____ Blanks (Item Nos:)

Reporting and Detection Limit Requirements: ☐ RCP Deliverables ☐ MCP CAM Cert.

Comments: 10 AG samples to 0.5 ppm

Additional Comments: surface soil at 5 feet from column

Comments

Plastic - NaOH, 250 ml

Plastic - HNO₃, 250 ml

Plastic - H₂SO₄, 250 ml

Plastic - As is, 250 ml

Glass Amber () ml □ As is

Glass Amber () ml □ As is

Glass Amber () ml □ As is

Glass Amber () ml □ As is

Glass Amber () ml □ As is

Glass Amber () ml □ As is

Glass Amber () ml □ As is

Glass Amber () ml □ As is

Glass Amber () ml □ As is

Glass Amber () ml □ As is

Glass Amber () ml □ As is

Glass Amber () ml □ As is

Glass Amber () ml □ As is

Glass Amber () ml □ As is

Glass Amber () ml □ As is

Glass Amber () ml □ As is

Glass Amber () ml □ As is

Glass Amber () ml □ As is

Glass Amber () ml □ As is

Glass Amber () ml □ As is

Glass Amber () ml □ As is

Glass Amber () ml □ As is

Glass Amber () ml □ As is

Glass Amber () ml □ As is

Glass Amber () ml □ As is

Glass Amber () ml □ As is

Glass Amber () ml □ As is

Glass Amber () ml □ As is



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 22, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date

06/24/13
06/28/13

Time

8:00
16:36

Laboratory Data

SDG ID: GBD98884
Phoenix ID: BD98884

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-05D-06D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	87		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			06/28/13	NP/HB	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL

PCB (Soxhlet)

PCB-1016	ND	0.38	mg/kg	07/01/13	AW	3540C/8082
PCB-1221	ND	0.38	mg/kg	07/01/13	AW	3540C/8082
PCB-1232	ND	0.38	mg/kg	07/01/13	AW	3540C/8082
PCB-1242	ND	0.38	mg/kg	07/01/13	AW	3540C/8082
PCB-1248	ND	0.38	mg/kg	07/01/13	AW	3540C/8082
PCB-1254	ND	0.38	mg/kg	07/01/13	AW	3540C/8082
PCB-1260	ND	0.38	mg/kg	07/01/13	AW	3540C/8082
PCB-1262	ND	0.38	mg/kg	07/01/13	AW	3540C/8082
PCB-1268	ND	0.38	mg/kg	07/01/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	94	%	07/01/13	AW	30 - 150 %
% TCMX	90	%	07/01/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-05D-06D

Phoenix I.D.: BD98884

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

* For PCBs, the continuing calibration standard recovery was above criteria; however all samples reported were below the reporting value.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 22, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
06/24/13	8:20
06/28/13	16:36

Laboratory Data

SDG ID: GBD98884
Phoenix ID: BD98885

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-07D-08D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	90		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			06/28/13	NP/HB	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL

PCB (Soxhlet)

PCB-1016	ND	0.36	mg/kg	07/01/13	AW	3540C/8082
PCB-1221	ND	0.36	mg/kg	07/01/13	AW	3540C/8082
PCB-1232	ND	0.36	mg/kg	07/01/13	AW	3540C/8082
PCB-1242	ND	0.36	mg/kg	07/01/13	AW	3540C/8082
PCB-1248	ND	0.36	mg/kg	07/01/13	AW	3540C/8082
PCB-1254	ND	0.36	mg/kg	07/01/13	AW	3540C/8082
PCB-1260	ND	0.36	mg/kg	07/01/13	AW	3540C/8082
PCB-1262	ND	0.36	mg/kg	07/01/13	AW	3540C/8082
PCB-1268	ND	0.36	mg/kg	07/01/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	100	%	07/01/13	AW	30 - 150 %
% TCMX	82	%	07/01/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-07D-08D

Phoenix I.D.: BD98885

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

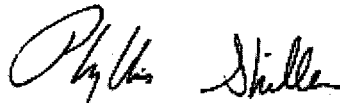
Comments:

* For PCBs, the continuing calibration standard recovery was above criteria; however all samples reported were below the reporting value.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 22, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date

06/24/13
06/28/13

Time

8:35
16:36

Laboratory Data

SDG ID: GBD98884
Phoenix ID: BD98886

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-09D-10D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	85		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			06/28/13	NP/HB	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL

PCB (Soxhlet)

PCB-1016	ND	0.39	mg/kg	07/01/13	AW	3540C/8082
PCB-1221	ND	0.39	mg/kg	07/01/13	AW	3540C/8082
PCB-1232	ND	0.39	mg/kg	07/01/13	AW	3540C/8082
PCB-1242	ND	0.39	mg/kg	07/01/13	AW	3540C/8082
PCB-1248	ND	0.39	mg/kg	07/01/13	AW	3540C/8082
PCB-1254	ND	0.39	mg/kg	07/01/13	AW	3540C/8082
PCB-1260	ND	0.39	mg/kg	07/01/13	AW	3540C/8082
PCB-1262	ND	0.39	mg/kg	07/01/13	AW	3540C/8082
PCB-1268	ND	0.39	mg/kg	07/01/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	92		%	07/01/13	AW	30 - 150 %
% TCMX	86		%	07/01/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-09D-10D

Phoenix I.D.: BD98886

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

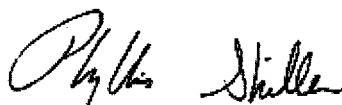
Comments:

* For PCBs, the continuing calibration standard recovery was above criteria; however all samples reported were below the reporting value.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 22, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date

06/24/13
06/28/13

Time

8:55
16:36

Laboratory Data

SDG ID: GBD98884
Phoenix ID: BD98887

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-11D-12D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	90		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			06/28/13	NP/HB	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL

PCB (Soxhlet)

PCB-1016	ND	0.37	mg/kg	07/01/13	AW	3540C/8082
PCB-1221	ND	0.37	mg/kg	07/01/13	AW	3540C/8082
PCB-1232	ND	0.37	mg/kg	07/01/13	AW	3540C/8082
PCB-1242	ND	0.37	mg/kg	07/01/13	AW	3540C/8082
PCB-1248	ND	0.37	mg/kg	07/01/13	AW	3540C/8082
PCB-1254	ND	0.37	mg/kg	07/01/13	AW	3540C/8082
PCB-1260	ND	0.37	mg/kg	07/01/13	AW	3540C/8082
PCB-1262	ND	0.37	mg/kg	07/01/13	AW	3540C/8082
PCB-1268	ND	0.37	mg/kg	07/01/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	93		%	07/01/13	AW	30 - 150 %
% TCMX	84		%	07/01/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-11D-12D

Phoenix I.D.: BD98887

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

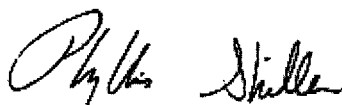
Comments:

* For PCBs, the continuing calibration standard recovery was above criteria; however all samples reported were below the reporting value.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 22, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date Time

06/24/13 9:20
06/28/13 16:36

Laboratory Data

SDG ID: GBD98884
Phoenix ID: BD98888

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-17D-18D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	89		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			06/28/13	NP/HB	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL

PCB (Soxhlet)

PCB-1016	ND	0.37	mg/kg	07/01/13	AW	3540C/8082
PCB-1221	ND	0.37	mg/kg	07/01/13	AW	3540C/8082
PCB-1232	ND	0.37	mg/kg	07/01/13	AW	3540C/8082
PCB-1242	ND	0.37	mg/kg	07/01/13	AW	3540C/8082
PCB-1248	ND	0.37	mg/kg	07/01/13	AW	3540C/8082
PCB-1254	ND	0.37	mg/kg	07/01/13	AW	3540C/8082
PCB-1260	ND	0.37	mg/kg	07/01/13	AW	3540C/8082
PCB-1262	ND	0.37	mg/kg	07/01/13	AW	3540C/8082
PCB-1268	ND	0.37	mg/kg	07/01/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	104	%	07/01/13	AW	30 - 150 %
% TCMX	86	%	07/01/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-17D-18D

Phoenix I.D.: BD98888

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

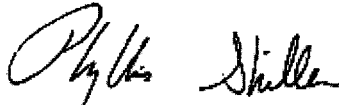
Comments:

* For PCBs, the continuing calibration standard recovery was above criteria; however all samples reported were below the reporting value.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 22, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date Time

06/24/13 9:35
06/28/13 16:36

Laboratory Data

SDG ID: GBD98884
Phoenix ID: BD98889

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-19D-20D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	93		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			06/28/13	NP/HB	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL

PCB (Soxhlet)

PCB-1016	ND	0.35	mg/kg	07/01/13	AW	3540C/8082
PCB-1221	ND	0.35	mg/kg	07/01/13	AW	3540C/8082
PCB-1232	ND	0.35	mg/kg	07/01/13	AW	3540C/8082
PCB-1242	ND	0.35	mg/kg	07/01/13	AW	3540C/8082
PCB-1248	ND	0.35	mg/kg	07/01/13	AW	3540C/8082
PCB-1254	ND	0.35	mg/kg	07/01/13	AW	3540C/8082
PCB-1260	ND	0.35	mg/kg	07/01/13	AW	3540C/8082
PCB-1262	ND	0.35	mg/kg	07/01/13	AW	3540C/8082
PCB-1268	ND	0.35	mg/kg	07/01/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	95	%	07/01/13	AW	30 - 150 %
% TCMX	87	%	07/01/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-19D-20D

Phoenix I.D.: BD98889

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

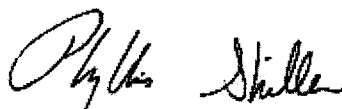
Comments:

* For PCBs, the continuing calibration standard recovery was above criteria; however all samples reported were below the reporting value.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 22, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date

Time

06/24/13 9:45
06/28/13 16:36

Laboratory Data

SDG ID: GBD98884
Phoenix ID: BD98890

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-21D-22D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	89		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			06/28/13	NP/HB	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL

PCB (Soxhlet)

PCB-1016	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1221	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1232	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1242	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1248	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1254	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1260	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1262	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1268	ND	0.37	mg/kg	07/02/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	77	%	07/02/13	AW	30 - 150 %
% TCMX	85	%	07/02/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD98890

Client ID: 201306241007 ECC-AG-SOIL-21D-22D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------


RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 22, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date Time

06/24/13 10:00
06/28/13 16:36

Laboratory Data

SDG ID: GBD98884
Phoenix ID: BD98891

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-25D-26D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	83		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			06/28/13	NP/HB	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL

PCB (Soxhlet)

PCB-1016	ND	0.4	mg/kg	07/02/13	AW	3540C/8082
PCB-1221	ND	0.4	mg/kg	07/02/13	AW	3540C/8082
PCB-1232	ND	0.4	mg/kg	07/02/13	AW	3540C/8082
PCB-1242	ND	0.4	mg/kg	07/02/13	AW	3540C/8082
PCB-1248	0.67	0.4	mg/kg	07/02/13	AW	3540C/8082
PCB-1254	ND	0.4	mg/kg	07/02/13	AW	3540C/8082
PCB-1260	ND	0.4	mg/kg	07/02/13	AW	3540C/8082
PCB-1262	ND	0.4	mg/kg	07/02/13	AW	3540C/8082
PCB-1268	ND	0.4	mg/kg	07/02/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	98	%	07/02/13	AW	30 - 150 %
% TCMX	107	%	07/02/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-25D-26D

Phoenix I.D.: BD98891

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

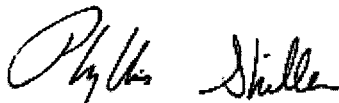
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 22, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date

Time

06/24/13 10:20
06/28/13 16:36

Laboratory Data

SDG ID: GBD98884
Phoenix ID: BD98892

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-29D-30D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	85		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			06/28/13	NP/HB	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL

PCB (Soxhlet)

PCB-1016	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1221	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1232	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1242	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1248	0.55	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1254	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1260	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1262	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1268	ND	0.38	mg/kg	07/02/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	88	%	07/02/13	AW	30 - 150 %
% TCMX	88	%	07/02/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-29D-30D

Phoenix I.D.: BD98892

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 22, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date Time

06/24/13 10:30
06/28/13 16:36

Laboratory Data

SDG ID: GBD98884
Phoenix ID: BD98893

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-31D-32D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	86		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			06/28/13	NP/HB	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL

PCB (Soxhlet)

PCB-1016	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1221	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1232	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1242	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1248	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1254	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1260	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1262	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1268	ND	0.38	mg/kg	07/02/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	85	%	07/02/13	AW	30 - 150 %
% TCMX	85	%	07/02/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD98893

Client ID: 201306241007 ECC-AG-SOIL-31D-32D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------


RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 22, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date Time

06/24/13 10:45
06/28/13 16:36

Laboratory Data

SDG ID: GBD98884
Phoenix ID: BD98894

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-33D-34D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	83		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			06/28/13	NP/HB	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL

PCB (Soxhlet)

PCB-1016	ND	0.4	mg/kg	07/02/13	AW	3540C/8082
PCB-1221	ND	0.4	mg/kg	07/02/13	AW	3540C/8082
PCB-1232	ND	0.4	mg/kg	07/02/13	AW	3540C/8082
PCB-1242	ND	0.4	mg/kg	07/02/13	AW	3540C/8082
PCB-1248	ND	0.4	mg/kg	07/02/13	AW	3540C/8082
PCB-1254	ND	0.4	mg/kg	07/02/13	AW	3540C/8082
PCB-1260	ND	0.4	mg/kg	07/02/13	AW	3540C/8082
PCB-1262	ND	0.4	mg/kg	07/02/13	AW	3540C/8082
PCB-1268	ND	0.4	mg/kg	07/02/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	86	%	07/02/13	AW	30 - 150 %
% TCMX	90	%	07/02/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-33D-34D

Phoenix I.D.: BD98894

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

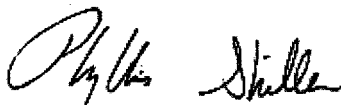
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 22, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date	Time
06/24/13	11:00
06/28/13	16:36

Laboratory Data

SDG ID: GBD98884
Phoenix ID: BD98895

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-35D-36D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	83		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			07/01/13	PP/HB	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL

PCB (Soxhlet)

PCB-1016	ND	0.39	mg/kg	07/03/13	AW	3540C/8082
PCB-1221	ND	0.39	mg/kg	07/03/13	AW	3540C/8082
PCB-1232	ND	0.39	mg/kg	07/03/13	AW	3540C/8082
PCB-1242	ND	0.39	mg/kg	07/03/13	AW	3540C/8082
PCB-1248	1.8	0.39	mg/kg	07/03/13	AW	3540C/8082
PCB-1254	ND	0.39	mg/kg	07/03/13	AW	3540C/8082
PCB-1260	ND	0.39	mg/kg	07/03/13	AW	3540C/8082
PCB-1262	ND	0.39	mg/kg	07/03/13	AW	3540C/8082
PCB-1268	ND	0.39	mg/kg	07/03/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	100	%	07/03/13	AW	30 - 150 %
% TCMX	102	%	07/03/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-35D-36D

Phoenix I.D.: BD98895

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------


RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 22, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
06/24/13	11:15
06/28/13	16:36

Laboratory Data

SDG ID: GBD98884
Phoenix ID: BD98896

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-37D-38D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	84		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			06/28/13	NP/HB	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL

PCB (Soxhlet)

PCB-1016	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1221	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1232	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1242	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1248	0.79	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1254	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1260	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1262	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1268	ND	0.38	mg/kg	07/02/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	96	%	07/02/13	AW	30 - 150 %
% TCMX	91	%	07/02/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-37D-38D

Phoenix I.D.: BD98896

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

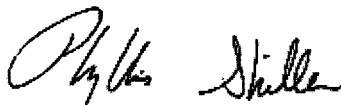
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 22, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
06/24/13	11:35
06/28/13	16:36

Laboratory Data

SDG ID: GBD98884
Phoenix ID: BD98897

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-39D-40D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	82		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			06/28/13	NP/HB	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL

PCB (Soxhlet)

PCB-1016	ND	0.4	mg/kg	07/02/13	AW	3540C/8082
PCB-1221	ND	0.4	mg/kg	07/02/13	AW	3540C/8082
PCB-1232	ND	0.4	mg/kg	07/02/13	AW	3540C/8082
PCB-1242	ND	0.4	mg/kg	07/02/13	AW	3540C/8082
PCB-1248	0.69	0.4	mg/kg	07/02/13	AW	3540C/8082
PCB-1254	ND	0.4	mg/kg	07/02/13	AW	3540C/8082
PCB-1260	ND	0.4	mg/kg	07/02/13	AW	3540C/8082
PCB-1262	ND	0.4	mg/kg	07/02/13	AW	3540C/8082
PCB-1268	ND	0.4	mg/kg	07/02/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	102	%	07/02/13	AW	30 - 150 %
% TCMX	92	%	07/02/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-39D-40D

Phoenix I.D.: BD98897

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

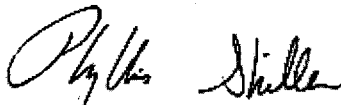
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 22, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
06/24/13	11:50
06/28/13	16:36

Laboratory Data

SDG ID: GBD98884
Phoenix ID: BD98898

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-47D-48D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	90		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			06/28/13	NP/HB	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL

PCB (Soxhlet)

PCB-1016	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1221	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1232	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1242	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1248	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1254	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1260	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1262	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1268	ND	0.36	mg/kg	07/02/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	83	%	07/02/13	AW	30 - 150 %
% TCMX	82	%	07/02/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-47D-48D

Phoenix I.D.: BD98898

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

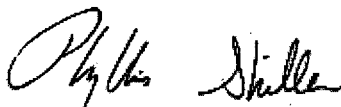
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 22, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date

06/24/13
06/28/13

Time

12:05
16:36

Laboratory Data

SDG ID: GBD98884
Phoenix ID: BD98899

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-106D-107D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	92		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			06/28/13	NP/HB	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL

PCB (Soxhlet)

PCB-1016	ND	0.35	mg/kg	07/02/13	AW	3540C/8082
PCB-1221	ND	0.35	mg/kg	07/02/13	AW	3540C/8082
PCB-1232	ND	0.35	mg/kg	07/02/13	AW	3540C/8082
PCB-1242	ND	0.35	mg/kg	07/02/13	AW	3540C/8082
PCB-1248	ND	0.35	mg/kg	07/02/13	AW	3540C/8082
PCB-1254	ND	0.35	mg/kg	07/02/13	AW	3540C/8082
PCB-1260	ND	0.35	mg/kg	07/02/13	AW	3540C/8082
PCB-1262	ND	0.35	mg/kg	07/02/13	AW	3540C/8082
PCB-1268	ND	0.35	mg/kg	07/02/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	148	%	07/02/13	AW	30 - 150 %
% TCMX	145	%	07/02/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-106D-107D

Phoenix I.D.: BD98899

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

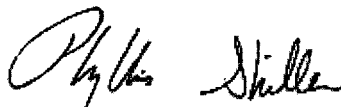
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 22, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
06/24/13	12:20
06/28/13	16:36

Laboratory Data

SDG ID: GBD98884
Phoenix ID: BD98900

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-108D-109D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	92		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			06/28/13	NP/HB	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL

PCB (Soxhlet)

PCB-1016	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1221	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1232	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1242	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1248	0.75	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1254	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1260	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1262	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1268	ND	0.36	mg/kg	07/02/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	106	%	07/02/13	AW	30 - 150 %
% TCMX	102	%	07/02/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-108D-109D

Phoenix I.D.: BD98900

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

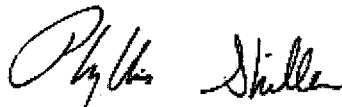
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 22, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date

06/24/13
06/28/13

Time

12:30
16:36

Laboratory Data

SDG ID: GBD98884
Phoenix ID: BD98901

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-110D-111D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	95		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			06/28/13	NP/HB	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL

PCB (Soxhlet)

PCB-1016	ND	0.35	mg/kg	07/02/13	AW	3540C/8082
PCB-1221	ND	0.35	mg/kg	07/02/13	AW	3540C/8082
PCB-1232	ND	0.35	mg/kg	07/02/13	AW	3540C/8082
PCB-1242	ND	0.35	mg/kg	07/02/13	AW	3540C/8082
PCB-1248	ND	0.35	mg/kg	07/02/13	AW	3540C/8082
PCB-1254	ND	0.35	mg/kg	07/02/13	AW	3540C/8082
PCB-1260	ND	0.35	mg/kg	07/02/13	AW	3540C/8082
PCB-1262	ND	0.35	mg/kg	07/02/13	AW	3540C/8082
PCB-1268	ND	0.35	mg/kg	07/02/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	90	%	07/02/13	AW	30 - 150 %
% TCMX	85	%	07/02/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-110D-111D

Phoenix I.D.: BD98901

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

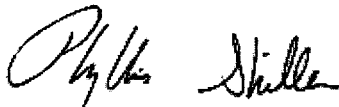
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 22, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date	Time
06/24/13	12:50
06/28/13	16:36

Laboratory Data

SDG ID: GBD98884
Phoenix ID: BD98902

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-112D-113D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	93		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			06/28/13	NP/HB	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL

PCB (Soxhlet)

PCB-1016	ND	0.35	mg/kg	07/02/13	AW	3540C/8082
PCB-1221	ND	0.35	mg/kg	07/02/13	AW	3540C/8082
PCB-1232	ND	0.35	mg/kg	07/02/13	AW	3540C/8082
PCB-1242	ND	0.35	mg/kg	07/02/13	AW	3540C/8082
PCB-1248	ND	0.35	mg/kg	07/02/13	AW	3540C/8082
PCB-1254	ND	0.35	mg/kg	07/02/13	AW	3540C/8082
PCB-1260	ND	0.35	mg/kg	07/02/13	AW	3540C/8082
PCB-1262	ND	0.35	mg/kg	07/02/13	AW	3540C/8082
PCB-1268	ND	0.35	mg/kg	07/02/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	88	%	07/02/13	AW	30 - 150 %
% TCMX	83	%	07/02/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-112D-113D

Phoenix I.D.: BD98902

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

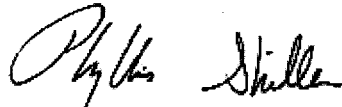
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT, 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 22, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date

Time

06/24/13 13:05
06/28/13 16:36

Laboratory Data

SDG ID: GBD98884
Phoenix ID: BD98903

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-118D-119D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	86		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			06/28/13	NP/HB	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL

PCB (Soxhlet)

PCB-1016	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1221	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1232	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1242	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1248	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1254	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1260	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1262	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1268	ND	0.38	mg/kg	07/02/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	84	%	07/02/13	AW	30 - 150 %
% TCMX	86	%	07/02/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-118D-119D

Phoenix I.D.: BD98903

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

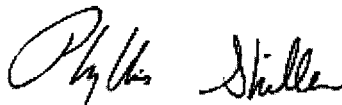
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

July 22, 2013

QA/QC Data

SDG I.D.: GBD98884

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
-----------	-------	----------	-----------	------------	---------	----------	-----------	--------------------	--------------------

QA/QC Batch 237953, QC Sample No: BD98884 (BD98884, BD98885, BD98886, BD98887, BD98888, BD98889, BD98890, BD98891, BD98892, BD98893, BD98894, BD98896, BD98897, BD98898, BD98899, BD98900, BD98901, BD98902)

Polychlorinated Biphenyls - Soil

PCB-1016	ND	80	72	10.5	87	76	13.5	40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	88	70	22.8	97	86	12.0	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	94	100	80	22.2	101	90	11.5	30 - 150	30
% TCMX (Surrogate Rec)	84	84	83	1.2	93	79	16.3	30 - 150	30

QA/QC Batch 237973, QC Sample No: BD98912 (BD98903)

Polychlorinated Biphenyls - Soil

PCB-1016	ND	76	74	2.7	100	87	13.9	40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	76	70	8.2	96	81	16.9	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	94	88	79	10.8	94	80	16.1	30 - 150	30
% TCMX (Surrogate Rec)	83	89	88	1.1	88	90	2.2	30 - 150	30

QA/QC Batch 238220, QC Sample No: BD98923 (BD98895)

Polychlorinated Biphenyls - Soil

PCB-1016	ND	91	93	2.2	110	106	3.7	40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	91	93	2.2	98	98	0.0	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	86	89	93	4.4	131	133	1.5	30 - 150	30
% TCMX (Surrogate Rec)	86	89	91	2.2	99	101	2.0	30 - 150	30

QA/QC Data

SDG I.D.: GBD98884

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
-----------	-------	----------	-----------	------------	---------	----------	-----------	--------------------	--------------------

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference

LCS - Laboratory Control Sample

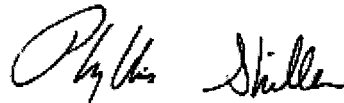
LCSD - Laboratory Control Sample Duplicate

MS - Matrix Spike

MS Dup - Matrix Spike Duplicate

NC - No Criteria

Intf - Interference



Phyllis Shiller, Laboratory Director

July 22, 2013

Sample Criteria Exceedences Report

GBD98884 - FOPCBTR

Requested Criteria: None
State: CT

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL	Analysis Units
--------	-------	-----------------	----------	--------	----	----------	----	----------------

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Reasonable Confidence Protocol Laboratory Analysis QA/QC Certification Form

Laboratory Name: Phoenix Environmental Labs, Inc. **Client:** F&OPCBTR

Project Location: CENTRAL HIGH SCHOOL **Project Number:**

Laboratory Sample ID(s): BD98884, BD98885, BD98886, BD98887, BD98888, BD98889, BD98890, BD98891, BD98892, BD98893, BD98894, BD98895, BD98896, BD98897, BD98898, BD98899, BD98900, BD98901, BD98902, BD98903

Sampling Date(s): 6/24/2013

RCP Methods Used:

☐ 1311/1312 ☐ 6010 ☐ 7000 ☐ 7196 ☐ 7470/7471 ☐ 8081 ☐ EPH ☐ TO15
☒ 8082 ☐ 8151 ☐ 8260 ☐ 8270 ☐ ETPH ☐ 9010/9012 ☐ VPH

1.	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1a.	Were the method specified preservation and holding time requirements met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1b.	EPH and VPH methods only: Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA
2.	Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3.	Were samples received at an appropriate temperature (< 6 Degrees C)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
4.	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5a.	Were reporting limits specified or referenced on the chain-of-custody?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5b.	Were these reporting limits met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
6.	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
7.	Are project-specific matrix spikes and laboratory duplicates included in the data set?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA

Note: For all questions to which the response was "No" (with the exception of question #5a, #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence".

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized
Signature: _____

Rmakol

Date: Monday, July 22, 2013

Printed Name: Rashmi Makol

Position: Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

July 22, 2013

SDG LD.: GBD98884

PCB Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Au-ecd1 07/02/13-1 (BD98890, BD98891, BD98892, BD98893, BD98894, BD98896, BD98897, BD98898, BD98899, BD98900, BD98901, BD98902, BD98903)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 7/2/2013

Instrument: Au-ecd1 07/03/13-1 (BD98895)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 7/3/2013

Instrument: Au-ecd3 07/01/13-1 (BD98884, BD98885, BD98886, BD98887, BD98888, BD98889)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: one of the continuing calibration standard recovery was above criteria; however all samples reported were below the reporting value.

Printed Name Adam Werner
Position: Chemist
Date: 7/1/2013



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

July 22, 2013

SDG I.D.: GBD98884

QC (Site Specific)

———— Sample No: BD98884, QA/QC Batch: 237953 ————

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

All MS recoveries were within 40 - 140 with the following exceptions: None.

All MSD recoveries were within 40 - 140 with the following exceptions: None.

All MS/MSD RPDs were less than 30% with the following exceptions: None.

A matrix effect is suspected when a MS/MSD recovery is outside of criteria. No further action is required if LCS/LCSD compounds are within criteria.

QC (Batch Specific)

———— Sample No: BD98912, QA/QC Batch: 237973 ————

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

———— Sample No: BD98923, QA/QC Batch: 238220 ————

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

Temperature Narration

The samples in this delivery group were received at 6°C.
(Note acceptance criteria is above freezing up to 6°C)



FUSS & O'NEILL
Disciplines to Deliver
(860) 646-2469 • www.FandO.com

- ☐ 146 Hartford Road, Manchester, CT 06040
☒ 56 Quarry Road, Trumbull, CT 06611
☐ 1419 Richland Street, Columbia, SC 29201

- ☐ 78 Interstate Drive, West Springfield, MA 01089
☐ 610 Lynndale Court, Suite E, Greenville, NC 27858
☐ 24 Madison Avenue Extension, Albany, NY 12203

- ☐ 275 Promenade Street, Suite 350, Providence, RI 02908
☐ 80 Washington Street, Suite 301, Poughkeepsie, NY 12601
☐ Other

CHAIN-OF-CUSTODY RECORD

14116

PROJECT NAME

Central High School

PROJECT LOCATION

Bridgeport, CT

PROJECT NUMBER

20110793.AZE

LABORATORY

Phoenix

REPORT TO:

Kevin McCarthy / Karen Redfield

Analysis Request

Containers

INVOICE TO:

P.O. No.:

20110793.AZE

Sampler's Signature:

B. Hubbard

Date: 6-24-13

Source Codes:

MW=Monitoring Well

SW=Surface Water

PW=Potable Water

T=Treatment Facility

S=Soil

S=Sediment

W=Waste

A=Air

X=Other

Transfer Check

1 2 3 4

Sample Number

201306041007

Source Code

5

Date Sampled

6-24-13

Time Sampled

0800

0810

0815

0820

0825

0835

0845

0855

0910

0920

Item No.

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

27

28

29

30

31

32

33

34

35

36

37

38

39

40

41

42

43

44

45

46

47

48

49

50

51

52

53

54

55

56

57

58

59

60

61

62

63

64

65

66

67

68

69

70

71

72

73

74

75

76

77

78

79

80

81

82

83

84

85

86

87

88

89

90

91

92

93

94

95

96

97

98

99

100

101

102

103

104

105

106

107

108

109

110

111

112

113

114

115

116

117

118

119

120

121

122

123

124

125

126

127

128

129

130

131

132

133

134

135

136

137

138

139

140

141

142

143

144

145

146

147

148

149

150

151

152

153

154

155

156

157

158

159

160

161

162

163

164

165

166

167

168

169

170

171

172

173

174

175

176

177

178

179

180

181

182

183

184

185

186

187

188

189

190

191

192

193

194

195

196

197

198

199

200

201

202

203

204

205

206

207

208

209

210

211

212

213

214

215

216

217

218

219

220

221

222

223

224

225

226

227

228

229

230

231

232

233

234

235

236

237

238

239

240

241

242

243

244

245

246

247

248

249

250

251

252

253

254

255

256

257

258

259

260

261

262

263

264

265

266

267

268

269

270

271

272

273

274

275

276

277

278

279

280

281

282

283

284

285

286

287

288

289

290

291

292

293

294

295

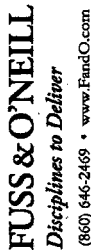
296

297

298

299

300



- ☐ 146 Hartford Road, Manchester, CT 06040
- ☒ 56 Quarry Road, Trumbull, CT 06611
- ☐ 1419 Richland Street, Columbia, SC 29201

- ☐ 78 Interstate Drive, West Springfield, MA 01089
- ☐ 610 Lynndale Court, Suite E, Greenville, NC 27858
- ☐ 24 Madison Avenue Extension, Albany, NY 12203

☐ 275 Promenade Street, Suite 350, Providence, RI 02908
☐ 80 Washington Street, Suite 301, Poughkeepsie, NY 12601
☐ Other _____

CHAIN-OF-CUSTODY RECORD

14117

☐ 1 Day* ☐ 3 Days* ☐ Other _____ (days)
☐ 2 Days* ☒ Standard (8 days) *Surcharge Applies

PROJECT NAME

Central High School

PROJECT LOCATION

Bridgport, CT

PROJECT NUMBER

20110793. AZE

LABORATORY

Phoenix

REPORT TO:	INVOICE TO:
------------	-------------

REPORT TO: Kevin McCarthy / Cannon Redfield

Analysis Request

P.O. No.: 20110793 A7E

Sampler's Signature: B. Holburn

Date: 6-24-13

Source Codes:

PW=Potable Water
T=Treatment Facility

W=Waste
A=Air

S=Soil
B=Sediment

X=Other

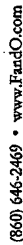
Item No.	Transfer Check				Sample Number	Source Code	Date Sampled	Time Sampled
	1	2	3	4				
11	✓	✓			20130624 1007 ECC-AG-501L-191D	5	6-24-13	0930
12	✓	✓			ECC-AG-501L-20D			0935
13	✓	✓			ECC-AG-501L-21D			0940
14	✓	✓			ECC-AG-501L-22D			0945
15	✓	✓			ECC-AG-501L-25D			0955
16	✓	✓			ECC-AG-501L-26D			1000
17	✓	✓			ECC-AG-501L-29D			1010
18	✓	✓			ECC-AG-501L-30D			1020
19	✓	✓			ECC-AG-501L-31D			1025
20	✓	✓			ECC-AG-501L-32D			1030

[illegible]

Transfer Number	Relinquished By	Accepted By	Date	Time
1	B. Hoffmann	P.O. Fridge	6-24-13	1600
2	P.O. Fridge		6/25/13	1015
3			6/25/13	1015
4			6/25/13	1021

Reporting and Detection Limit Requirements:
Composite Ag Soil Samples = <0.5 ppm

Additional Comments:
Samples collected at columns and at 24" depth



THE UNIVERSITY OF CHICAGO

THE UNIVERSITY OF CHICAGO

[illegible]

14119

PROJECT NUMBER

20110739.AZE

REPORT TO: basic molecule / basic concept

10-11-1961

P.O. No.: 2010739.A7E

Sampler's Signature: *B. Hoffman* Date: *6-24-13*

PW=Potable Water
T=Treatment Facility
S=Soil
B=Sediment

W=Waste
A=Air

X=Other

Item No.	Transfer Check				Sample Number	Source Code	Date Sampled	Time Sampled
	1	2	3	4				
					20130624007			
31	✓	✓	✓		EC-A6-SOL-106D	5	6-24	1200
32	✓	✓	✓		EC-A6-SOL-107D			1205
33	✓	✓	✓		EC-A6-SOL-108D			1210
34	✓	✓	✓		EC-A6-SOL-109D			1220
35	✓	✓	✓		EC-A6-SOL-110D			1225
36	✓	✓	✓		EC-A6-SOL-111D			1230
37	✓	✓	✓		EC-A6-SOL-112D			1240
38	✓	✓	✓		EC-A6-SOL-113D			1250
39	✓	✓	✓		EC-A6-SOL-114D			1300
40	✓	✓	✓		EC-A6-SOL-115D			1305

Analysis Request	Containers	Comments
PCs 35402 / 8062	Soil VOA Val. [] Glass VOA Val. [] Glass Soil Container (4) oz Glass Soil Container () oz Other Water VOA Val. [] Glass Amber () ml Plastic - As is, [] Plastic - H_2SO_4 , [] Plastic - HNO_3 , 250 ml [] Plastic - NaOH , 250 ml []	Composite 1060 107 D Composite 1080 109 D Composite 110 D 111 D Composite 112 D 113 D Composite 1180 119 D
✓ 98899	Soil VOA Val. [] Glass VOA Val. [] Glass Soil Container (4) oz Glass Soil Container () oz Other Water VOA Val. [] Glass Amber () ml Plastic - As is, [] Plastic - H_2SO_4 , [] Plastic - HNO_3 , 250 ml [] Plastic - NaOH , 250 ml []	-
✓ 98900	Soil VOA Val. [] Glass VOA Val. [] Glass Soil Container (4) oz Glass Soil Container () oz Other Water VOA Val. [] Glass Amber () ml Plastic - As is, [] Plastic - H_2SO_4 , [] Plastic - HNO_3 , 250 ml [] Plastic - NaOH , 250 ml []	-
✓ 98901	Soil VOA Val. [] Glass VOA Val. [] Glass Soil Container (4) oz Glass Soil Container () oz Other Water VOA Val. [] Glass Amber () ml Plastic - As is, [] Plastic - H_2SO_4 , [] Plastic - HNO_3 , 250 ml [] Plastic - NaOH , 250 ml []	-
✓ 98902	Soil VOA Val. [] Glass VOA Val. [] Glass Soil Container (4) oz Glass Soil Container () oz Other Water VOA Val. [] Glass Amber () ml Plastic - As is, [] Plastic - H_2SO_4 , [] Plastic - HNO_3 , 250 ml [] Plastic - NaOH , 250 ml []	-
✓ 98903	Soil VOA Val. [] Glass VOA Val. [] Glass Soil Container (4) oz Glass Soil Container () oz Other Water VOA Val. [] Glass Amber () ml Plastic - As is, [] Plastic - H_2SO_4 , [] Plastic - HNO_3 , 250 ml [] Plastic - NaOH , 250 ml []	-

Transfer Number	Relinquished By	Accepted By	Date	Time	Reporting and Detection Limit Requirements:
1	B. Robbins	FOO Fridge	6-24	1600	Composite AG-SOI samples = <0.5 ppm
2	FOO Fridge	FOO Fridge	6/28/13	1015	Additional Comments: samples collected at columns and at 24" depth
3	SPK	FOO Fridge	6/28/13	1015	
4	SPK	FOO Fridge	6/28/13	1015	



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 22, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date

Time

06/24/13 13:20
06/28/13 16:36

Laboratory Data

SDG ID: GBD98904
Phoenix ID: BD98904

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-120D-121D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	87		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			06/28/13	NP/HB	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL

PCB (Soxhlet)

PCB-1016	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1221	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1232	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1242	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1248	0.38	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1254	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1260	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1262	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1268	ND	0.37	mg/kg	07/02/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	99	%	07/02/13	AW	30 - 150 %
% TCMX	101	%	07/02/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-120D-121D

Phoenix I.D.: BD98904

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

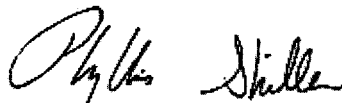
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 22, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date

06/24/13
06/28/13

Time

13:35
16:36

Laboratory Data

SDG ID: GBD98904
Phoenix ID: BD98905

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-122D-123D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	87		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			06/28/13	NP/HB	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL

PCB (Soxhlet)

PCB-1016	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1221	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1232	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1242	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1248	0.39	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1254	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1260	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1262	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1268	ND	0.38	mg/kg	07/02/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	97	%	07/02/13	AW	30 - 150 %
% TCMX	96	%	07/02/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-122D-123D

Phoenix I.D.: BD98905

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------


RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 22, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date

06/24/13
06/28/13

Time

13:55
16:36

Laboratory Data

SDG ID: GBD98904
Phoenix ID: BD98906

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-124D-125D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	91		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			06/28/13	NP/HB	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL

PCB (Soxhlet)

PCB-1016	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1221	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1232	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1242	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1248	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1254	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1260	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1262	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1268	ND	0.36	mg/kg	07/02/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	87	%	07/02/13	AW	30 - 150 %
% TCMX	86	%	07/02/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-124D-125D

Phoenix I.D.: BD98906

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

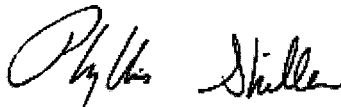
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 22, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date

06/24/13
06/28/13

Time

14:20
16:36

Laboratory Data

SDG ID: GBD98904
Phoenix ID: BD98907

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-126D-127D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	90		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			06/28/13	NP/HB	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL

PCB (Soxhlet)

PCB-1016	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1221	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1232	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1242	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1248	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1254	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1260	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1262	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1268	ND	0.37	mg/kg	07/02/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	92	%	07/02/13	AW	30 - 150 %
% TCMX	92	%	07/02/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-126D-127D

Phoenix I.D.: BD98907

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------


RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 22, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date

Time

06/24/13 14:40
06/28/13 16:36

Laboratory Data

SDG ID: GBD98904
Phoenix ID: BD98908

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-128D-129D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	88		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			06/28/13	NP/HB	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL

PCB (Soxhlet)

PCB-1016	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1221	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1232	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1242	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1248	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1254	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1260	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1262	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1268	ND	0.37	mg/kg	07/02/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	91	%	07/02/13	AW	30 - 150 %
% TCMX	88	%	07/02/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-128D-129D

Phoenix I.D.: BD98908

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

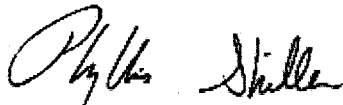
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 22, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date

Time

06/24/13 14:55
06/28/13 16:36

Laboratory Data

SDG ID: GBD98904
Phoenix ID: BD98909

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-130D-131D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	85		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			06/28/13	NP/HB	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL

PCB (Soxhlet)

PCB-1016	ND	0.39	mg/kg	07/02/13	AW	3540C/8082
PCB-1221	ND	0.39	mg/kg	07/02/13	AW	3540C/8082
PCB-1232	ND	0.39	mg/kg	07/02/13	AW	3540C/8082
PCB-1242	ND	0.39	mg/kg	07/02/13	AW	3540C/8082
PCB-1248	ND	0.39	mg/kg	07/02/13	AW	3540C/8082
PCB-1254	ND	0.39	mg/kg	07/02/13	AW	3540C/8082
PCB-1260	ND	0.39	mg/kg	07/02/13	AW	3540C/8082
PCB-1262	ND	0.39	mg/kg	07/02/13	AW	3540C/8082
PCB-1268	ND	0.39	mg/kg	07/02/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	98	%	07/02/13	AW	30 - 150 %
% TCMX	87	%	07/02/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-130D-131D

Phoenix I.D.: BD98909

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

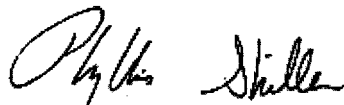
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 22, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date

Time

06/24/13 15:10
06/28/13 16:36

Laboratory Data

SDG ID: GBD98904
Phoenix ID: BD98910

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-132D-133D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	81		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			06/28/13	NP/HB	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL

PCB (Soxhlet)

PCB-1016	ND	0.4	mg/kg	07/02/13	AW	3540C/8082
PCB-1221	ND	0.4	mg/kg	07/02/13	AW	3540C/8082
PCB-1232	ND	0.4	mg/kg	07/02/13	AW	3540C/8082
PCB-1242	ND	0.4	mg/kg	07/02/13	AW	3540C/8082
PCB-1248	ND	0.4	mg/kg	07/02/13	AW	3540C/8082
PCB-1254	ND	0.4	mg/kg	07/02/13	AW	3540C/8082
PCB-1260	ND	0.4	mg/kg	07/02/13	AW	3540C/8082
PCB-1262	ND	0.4	mg/kg	07/02/13	AW	3540C/8082
PCB-1268	ND	0.4	mg/kg	07/02/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	94	%	07/02/13	AW	30 - 150 %
% TCMX	74	%	07/02/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-132D-133D

Phoenix I.D.: BD98910

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

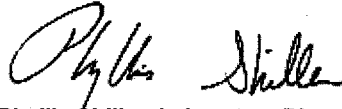
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 22, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date

06/24/13
06/28/13

Time

15:30
16:36

Laboratory Data

SDG ID: GBD98904
Phoenix ID: BD98911

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-134D-135D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	82		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			06/28/13	NP/HB	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL

PCB (Soxhlet)

PCB-1016	ND	0.4	mg/kg	07/02/13	AW	3540C/8082
PCB-1221	ND	0.4	mg/kg	07/02/13	AW	3540C/8082
PCB-1232	ND	0.4	mg/kg	07/02/13	AW	3540C/8082
PCB-1242	ND	0.4	mg/kg	07/02/13	AW	3540C/8082
PCB-1248	ND	0.4	mg/kg	07/02/13	AW	3540C/8082
PCB-1254	ND	0.4	mg/kg	07/02/13	AW	3540C/8082
PCB-1260	ND	0.4	mg/kg	07/02/13	AW	3540C/8082
PCB-1262	ND	0.4	mg/kg	07/02/13	AW	3540C/8082
PCB-1268	ND	0.4	mg/kg	07/02/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	87	%	07/02/13	AW	30 - 150 %
% TCMX	61	%	07/02/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-134D-135D

Phoenix I.D.: BD98911

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------


RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 22, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date

06/24/13
06/28/13

Time

15:55
16:36

Laboratory Data

SDG ID: GBD98904
Phoenix ID: BD98912

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-136D-137D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	89		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			06/28/13	NP/HB	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL

PCB (Soxhlet)

PCB-1016	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1221	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1232	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1242	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1248	0.82	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1254	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1260	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1262	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1268	ND	0.37	mg/kg	07/02/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	83	%	07/02/13	AW	30 - 150 %
% TCMX	70	%	07/02/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-136D-137D

Phoenix I.D.: BD98912

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

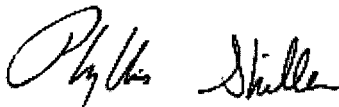
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 22, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date

Time

06/24/13 16:10
06/28/13 16:36

Laboratory Data

SDG ID: GBD98904
Phoenix ID: BD98913

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-138D-139D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	84		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			06/28/13	NP/HB	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL

PCB (Soxhlet)

PCB-1016	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1221	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1232	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1242	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1248	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1254	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1260	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1262	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1268	ND	0.38	mg/kg	07/02/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	82	%	07/02/13	AW	30 - 150 %
% TCMX	75	%	07/02/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-138D-139D

Phoenix I.D.: BD98913

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

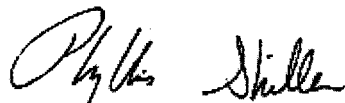
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 22, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date

Time

06/24/13 16:20
06/28/13 16:36

Laboratory Data

SDG ID: GBD98904
Phoenix ID: BD98914

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-140D-141D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	85		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			06/28/13	NP/HB	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL

PCB (Soxhlet)

PCB-1016	ND	0.39	mg/kg	07/02/13	AW	3540C/8082
PCB-1221	ND	0.39	mg/kg	07/02/13	AW	3540C/8082
PCB-1232	ND	0.39	mg/kg	07/02/13	AW	3540C/8082
PCB-1242	ND	0.39	mg/kg	07/02/13	AW	3540C/8082
PCB-1248	ND	0.39	mg/kg	07/02/13	AW	3540C/8082
PCB-1254	ND	0.39	mg/kg	07/02/13	AW	3540C/8082
PCB-1260	ND	0.39	mg/kg	07/02/13	AW	3540C/8082
PCB-1262	ND	0.39	mg/kg	07/02/13	AW	3540C/8082
PCB-1268	ND	0.39	mg/kg	07/02/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	76	%	07/02/13	AW	30 - 150 %
% TCMX	68	%	07/02/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-140D-141D

Phoenix I.D.: BD98914

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------


RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 22, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date

Time

06/24/13 16:35
06/28/13 16:36

Laboratory Data

SDG ID: GBD98904
Phoenix ID: BD98915

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-160D-161D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	88		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			06/28/13	NP/HB	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL

PCB (Soxhlet)

PCB-1016	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1221	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1232	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1242	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1248	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1254	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1260	1.2	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1262	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1268	ND	0.37	mg/kg	07/02/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	89	%	07/02/13	AW	30 - 150 %
% TCMX	71	%	07/02/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-160D-161D

Phoenix I.D.: BD98915

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

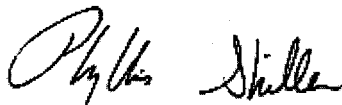
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 22, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date

Time

06/24/13 16:45
06/28/13 16:36

Laboratory Data

SDG ID: GBD98904
Phoenix ID: BD98916

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-164D-165D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	83		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			06/28/13	NP/HB	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL

PCB (Soxhlet)

PCB-1016	ND	0.4	mg/kg	07/02/13	AW	3540C/8082
PCB-1221	ND	0.4	mg/kg	07/02/13	AW	3540C/8082
PCB-1232	ND	0.4	mg/kg	07/02/13	AW	3540C/8082
PCB-1242	ND	0.4	mg/kg	07/02/13	AW	3540C/8082
PCB-1248	ND	0.4	mg/kg	07/02/13	AW	3540C/8082
PCB-1254	ND	0.4	mg/kg	07/02/13	AW	3540C/8082
PCB-1260	ND	0.4	mg/kg	07/02/13	AW	3540C/8082
PCB-1262	ND	0.4	mg/kg	07/02/13	AW	3540C/8082
PCB-1268	ND	0.4	mg/kg	07/02/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	88	%	07/02/13	AW	30 - 150 %
% TCMX	74	%	07/02/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-164D-165D

Phoenix I.D.: BD98916

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

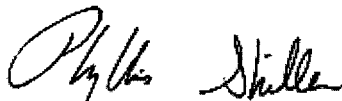
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 22, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date

Time

06/24/13 16:55
06/28/13 16:36

Laboratory Data

SDG ID: GBD98904
Phoenix ID: BD98917

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-166D-167D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	91		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			06/28/13	NP/HB	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL

PCB (Soxhlet)

PCB-1016	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1221	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1232	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1242	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1248	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1254	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1260	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1262	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1268	ND	0.37	mg/kg	07/02/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	86	%	07/02/13	AW	30 - 150 %
% TCMX	69	%	07/02/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-166D-167D

Phoenix I.D.: BD98917

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

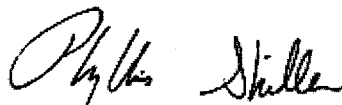
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 22, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date	Time
06/24/13	17:05
06/28/13	16:36

Laboratory Data

SDG ID: GBD98904
Phoenix ID: BD98918

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-168D-169D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	91		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			06/28/13	NP/HB	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL

PCB (Soxhlet)

PCB-1016	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1221	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1232	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1242	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1248	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1254	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1260	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1262	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1268	ND	0.36	mg/kg	07/02/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	88	%	07/02/13	AW	30 - 150 %
% TCMX	77	%	07/02/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-168D-169D

Phoenix I.D.: BD98918

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

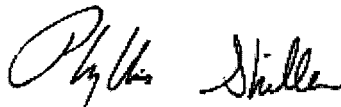
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 22, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date

Time

06/24/13 17:15
06/28/13 16:36

Laboratory Data

SDG ID: GBD98904
Phoenix ID: BD98919

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-172D-173D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	86		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			06/28/13	NP/HB	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL

PCB (Soxhlet)

PCB-1016	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1221	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1232	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1242	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1248	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1254	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1260	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1262	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1268	ND	0.38	mg/kg	07/02/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	97	%	07/02/13	AW	30 - 150 %
% TCMX	75	%	07/02/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-172D-173D

Phoenix I.D.: BD98919

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 22, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date

06/24/13
06/28/13

Time

17:25
16:36

Laboratory Data

SDG ID: GBD98904
Phoenix ID: BD98920

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-174D-175D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	86		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			06/28/13	NP/HB	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL

PCB (Soxhlet)

PCB-1016	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1221	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1232	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1242	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1248	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1254	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1260	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1262	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1268	ND	0.38	mg/kg	07/02/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	75	%	07/02/13	AW	30 - 150 %
% TCMX	92	%	07/02/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-174D-175D

Phoenix I.D.: BD98920

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

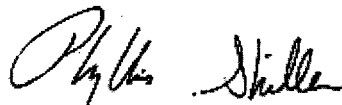
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 22, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date

Time

06/24/13 17:40
06/28/13 16:36

Laboratory Data

SDG ID: GBD98904
Phoenix ID: BD98921

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-181D-182D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	88		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			06/28/13	NP/HB	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL

PCB (Soxhlet)

PCB-1016	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1221	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1232	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1242	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1248	0.94	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1254	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1260	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1262	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1268	ND	0.38	mg/kg	07/02/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	120	%	07/02/13	AW	30 - 150 %
% TCMX	92	%	07/02/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-181D-182D

Phoenix I.D.: BD98921

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

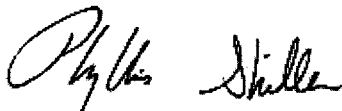
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 22, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date

Time

06/24/13 17:50
06/28/13 16:36

Laboratory Data

SDG ID: GBD98904
Phoenix ID: BD98922

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-186D-187D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	86		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			06/28/13	NP/HB	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL

PCB (Soxhlet)

PCB-1016	ND	0.38	mg/kg	07/03/13	AW	3540C/8082
PCB-1221	ND	0.38	mg/kg	07/03/13	AW	3540C/8082
PCB-1232	ND	0.38	mg/kg	07/03/13	AW	3540C/8082
PCB-1242	ND	0.38	mg/kg	07/03/13	AW	3540C/8082
PCB-1248	1.2	0.38	mg/kg	07/03/13	AW	3540C/8082
PCB-1254	ND	0.38	mg/kg	07/03/13	AW	3540C/8082
PCB-1260	ND	0.38	mg/kg	07/03/13	AW	3540C/8082
PCB-1262	ND	0.38	mg/kg	07/03/13	AW	3540C/8082
PCB-1268	ND	0.38	mg/kg	07/03/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	118	%	07/03/13	AW	30 - 150 %
% TCMX	96	%	07/03/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-186D-187D

Phoenix I.D.: BD98922

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

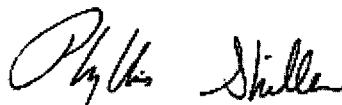
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 22, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date

Time

06/24/13 18:00
06/28/13 16:36

Laboratory Data

SDG ID: GBD98904
Phoenix ID: BD98923

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-188D-189D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	83		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			07/01/13	PP/HB	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL

PCB (Soxhlet)

PCB-1016	ND	0.39	mg/kg	07/02/13	AW	3540C/8082
PCB-1221	ND	0.39	mg/kg	07/02/13	AW	3540C/8082
PCB-1232	ND	0.39	mg/kg	07/02/13	AW	3540C/8082
PCB-1242	ND	0.39	mg/kg	07/02/13	AW	3540C/8082
PCB-1248	0.42	0.39	mg/kg	07/02/13	AW	3540C/8082
PCB-1254	ND	0.39	mg/kg	07/02/13	AW	3540C/8082
PCB-1260	ND	0.39	mg/kg	07/02/13	AW	3540C/8082
PCB-1262	ND	0.39	mg/kg	07/02/13	AW	3540C/8082
PCB-1268	ND	0.39	mg/kg	07/02/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	128	%	07/02/13	AW	30 - 150 %
% TCMX	97	%	07/02/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-188D-189D

Phoenix I.D.: BD98923

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

July 22, 2013

QA/QC Data

SDG I.D.: GBD98904

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 237973, QC Sample No: BD98912 (BD98904, BD98905, BD98906, BD98907, BD98908, BD98909, BD98910, BD98911, BD98912, BD98913, BD98914, BD98915, BD98916, BD98917, BD98918, BD98919, BD98920, BD98921, BD98922)									
Polychlorinated Biphenyls - Soil									
PCB-1016	ND	76	74	2.7	100	87	13.9	40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	76	70	8.2	96	81	16.9	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	94	88	79	10.8	94	80	16.1	30 - 150	30
% TCMX (Surrogate Rec)	83	89	88	1.1	88	90	2.2	30 - 150	30

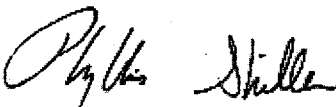
QA/QC Batch 238220, QC Sample No: BD98923 (BD98923)

Polychlorinated Biphenyls - Soil

PCB-1016	ND	91	93	2.2	110	106	3.7	40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	91	93	2.2	98	98	0.0	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	86	89	93	4.4	131	133	1.5	30 - 150	30
% TCMX (Surrogate Rec)	86	89	91	2.2	99	101	2.0	30 - 150	30

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference


Phyllis Shiller, Laboratory Director
July 22, 2013

Monday, July 22, 2013
Requested Criteria: None
State: CT

Sample Criteria Exceedences Report

GBD98904 - FOPCBTR

Page 1 of 1

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL	Analysis Units
--------	-------	-----------------	----------	--------	----	----------	----	----------------

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Reasonable Confidence Protocol Laboratory Analysis QA/QC Certification Form

Laboratory Name: Phoenix Environmental Labs, Inc. **Client:** F&OPCBTR

Project Location: CENTRAL HIGH SCHOOL **Project Number:**

Laboratory Sample ID(s): BD98904, BD98905, BD98906, BD98907, BD98908, BD98909, BD98910, BD98911, BD98912, BD98913, BD98914, BD98915, BD98916, BD98917, BD98918, BD98919, BD98920, BD98921, BD98922, BD98923

Sampling Date(s): 6/24/2013

RCP Methods Used:

☐ 1311/1312 ☐ 6010 ☐ 7000 ☐ 7196 ☐ 7470/7471 ☐ 8081 ☐ EPH ☐ TO15
☒ 8082 ☐ 8151 ☐ 8260 ☐ 8270 ☐ ETPH ☐ 9010/9012 ☐ VPH

1.	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1a.	Were the method specified preservation and holding time requirements met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1b.	EPH and VPH methods only: Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA
2.	Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3.	Were samples received at an appropriate temperature (< 6 Degrees C)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
4.	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5a.	Were reporting limits specified or referenced on the chain-of-custody?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5b.	Were these reporting limits met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
6.	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
7.	Are project-specific matrix spikes and laboratory duplicates included in the data set?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA

Note: For all questions to which the response was "No" (with the exception of question #5a, #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence".

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized
Signature:

Rashmi Makol

Date: Monday, July 22, 2013

Printed Name: Rashmi Makol

Position: Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

July 22, 2013

SDG LD.: GBD98904

PCB Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Au-ecd1 07/02/13-1 (BD98904, BD98905, BD98906, BD98907, BD98908, BD98909, BD98910, BD98911)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 7/2/2013

Instrument: Au-ecd1 07/03/13-1 (BD98922)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 7/3/2013

Instrument: Au-ecd5 07/02/13-1 (BD98920)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 7/2/2013

Instrument: Au-ecd7 07/02/13-1 (BD98912, BD98913, BD98914, BD98915, BD98916, BD98917, BD98918, BD98919, BD98921, BD98923)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

July 22, 2013

SDG I.D.: GBD98904

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 7/2/2013

QC (Site Specific)

———— Sample No: BD98912, QA/QC Batch: 237973 ————

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

All MS recoveries were within 40 - 140 with the following exceptions: None.

All MSD recoveries were within 40 - 140 with the following exceptions: None.

All MS/MSD RPDs were less than 30% with the following exceptions: None.

———— Sample No: BD98923, QA/QC Batch: 238220 ————

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

All MS recoveries were within 40 - 140 with the following exceptions: None.

All MSD recoveries were within 40 - 140 with the following exceptions: None.

All MS/MSD RPDs were less than 30% with the following exceptions: None.

A matrix effect is suspected when a MS/MSD recovery is outside of criteria. No further action is required if LCS/LCSD compounds are within criteria.

Temperature Narration

The samples in this delivery group were received at 6°C.
(Note acceptance criteria is above freezing up to 6°C)



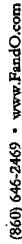
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

July 22, 2013

SDG I.D.: GBD98904



☐ 275 Promenade Street, Suite 350, Providence, RI 02908
☐ 80 Washington Street, Suite 301, Poughkeepsie, NY 12601
☐ Other _____

14120

Central High School

Bridgeport, CT

2010.739. AZE

Phoenix

REPORT TO:
INVOICE TO:

REPORT TO: Kevin McCarthy / Karen Redfield

P.O. No.: 20110739, AZE

Sampler's Signature: B. Hobbs

Date: 6-24-13

Source Codes:
MW=Monitoring
SW=Surface Wa

PW=Potable Water
T=Treatment Facility

$\rho = \text{Soil}$
 $\rho = \text{Sediment}$

W=Waste
A=Air

X=Other

Item No.	Transfer Check			Sample Number	Source Code	Date Sampled	Time Sampled
	1	2	3				
				20B06241007			
41	/	✓		ECC-AG-SOL-120 D	S	624	1310
42	/	✓		ECC-AG-SOL-121 D			1320
43	/	✓		ECC-AG-SOL-122 D			1325
44	/	✓		ECC-AG-SOL-123 D			1338
45	/	✓		ECC-AG-SOL-124 D			1345
46	/	✓		ECC-AG-SOL-125 D			1355
47	/	✓		ECC-AG-SOL-126 D			1410
48	/	✓		ECC-AG-SOL-127 D			1420
49	/	✓		ECC-AG-SOL-128 D			1430
50	/	✓		ECC-AG-SOL-129 D	T		1440

[illegible]Transfer
Number

Relinquished By

Accepted By

Time

Reporting and Detection Limit Requirements:

Reporting and Detection Limit Requirements:
Composite AG-Soil Samples = <0.5 ppm

Additional Comments:

Samples collected at columns and at 2nd depth.



FUSS & O'NEILL
Disciplines to Deliver
(860) 646-2469 • www.FandO.com

- ☐ 146 Hartford Road, Manchester, CT 06040
☒ 56 Quarry Road, Trumbull, CT 06611
☐ 1419 Richland Street, Columbia, SC 29201

- ☐ 78 Interstate Drive, West Springfield, MA 01089
☐ 610 Lyndale Court, Suite E, Greenville, NC 27858
☐ 24 Madison Avenue Extension, Albany, NY 12203

- ☐ 275 Promenade Street, Suite 350, Providence, RI 02908
☐ 80 Washington Street, Suite 301, Poughkeepsie, NY 12601
☐ Other

CHAIN-OF-CUSTODY RECORD

14121

PROJECT NAME

Central High School

PROJECT LOCATION

Bridgewater, CT

PROJECT NUMBER

20110739.AZE

LABORATORY

Phoenix

REPORT TO: Kevin McElroy / Kevin McElroy

INVOICE TO:

P.O. No.: 20110739.AZE

Sampler's Signature: B Hopkins Date: 6-24-13

Source Codes:
MW=Monitoring Well PW=Portable Water W=Waste
SW=Surface Water T=Treatment Facility B=Sediment A=Air

X=Other

Analysis Request

Containers

Item No.	Transfer Check				Sample Number	Source Code	Date Sampled	Time Sampled	Analysis Request									
	1	2	3	4														
51	✓	✓	✓	✓	20130624 1007	5	6-24	1445	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
52	✓	✓	✓	✓	ECC-AG-SOIL-130P			1456	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
53	✓	✓	✓	✓	ECC-AG-SOIL-131P			1500	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
54	✓	✓	✓	✓	ECC-AG-SOIL-132D			1510	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
55	✓	✓	✓	✓	ECC-AG-SOIL-133D			1520	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
56	✓	✓	✓	✓	ECC-AG-SOIL-134D			1530	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
57	✓	✓	✓	✓	ECC-AG-SOIL-135D			1540	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
58	✓	✓	✓	✓	ECC-AG-SOIL-136D			1555	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
59	✓	✓	✓	✓	ECC-AG-SOIL-137D			1600	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
60	✓	✓	✓	✓	ECC-AG-SOIL-138D			1610	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Transfer Number

Relinquished By

Accepted By

Date

Reporting and Detection Limit Requirements:

Composite AG-SOIL Samples = L.O.S. ppm

Additional Comments:

Samples collected at columns and at 24" depth.

1 R. Hopkins
2 F.O. Fridge
3 S. S.
4 S. S.

6-24
6/25/13
6/25/13
6/25/13

F.O. Fridge
F.O. Fridge
F.O. Fridge
F.O. Fridge

Signature
Signature
Signature
Signature



FUSS & O'NEILL

Disciplines to Deliver

(860) 646-2469 • www.FandO.com

- ☐ 146 Hartford Road, Manchester, CT 06040
☒ 56 Quarry Road, Trumbull, CT 06611
☐ 1419 Richland Street, Columbia, SC 29201

- ☐ 78 Interstate Drive, West Springfield, MA 01089
☐ 610 Lyndale Court, Suite E, Greenville, NC 27858
☐ 24 Madison Avenue Extension, Albany, NY 12203

- ☐ 275 Promenade Street, Suite 350, Providence, RI 02908
☐ 80 Washington Street, Suite 301, Poughkeepsie, NY 12601
☐ Other

CHAIN-OF-CUSTODY RECORD

14122

PROJECT NAME

Central High School

PROJECT LOCATION

Bridgeport, CT

PROJECT NUMBER

20110731-A2E

LABORATORY

Phoenix

REPORT TO:

Kevin McLarney / Karen Acclivio

INVOICE TO:

P.O. No.: 20110731-A2E

Sampler's Signature: B. Hobbin's

Date: 6-24-13

Source Codes:

MW=Monitoring Well
SW=Surface Water

PW=Potable Water
T=Treatment Facility

S=Soil
B=Sediment

W=Waste
A=Air

X=Other

Analysis Request

Containers

Item No.	Transfer Check	Sample Number	Source Code	Date Sampled	Time Sampled	Soil VOA Val. [] methanol	Glass Soil Container (H) [] oz	Glass Soil Container (4) [] oz	Other:	Water VOA Val. [] As is [] HCl	Glass Amber () ml	Plastic - As is [] As is [] HCl	Plastic - H ₂ SO ₄ [] 250 ml [] 500 ml [] 1000 ml	Plastic - HNO ₃ [] 250 ml [] 500 ml [] 1000 ml	Plastic - NaOH, 250 ml [] Filled [] Unfilled	Comments
64	✓	ECC-AF-SOIL-140 P	S	6-24	1615											Composite 140D
65	✓	ECC-AF-SOIL-141 D			1620											Composite 141D
66	✓	ECC-AF-SOIL-160 D			1630											Composite 160D
67	✓	ECC-AF-SOIL-161 D			1635											Composite 161D
68	✓	ECC-AF-SOIL-164 D			1640											Composite 164D
69	✓	ECC-AF-SOIL-165 D			1645											Composite 165D
70	✓	ECC-AF-SOIL-166 D			1650											Composite 166D
71	✓	ECC-AF-SOIL-167 D			1655											Composite 167D
72	✓	ECC-AF-SOIL-168 D			1700											Composite 168D
73	✓	ECC-AF-SOIL-169 D			1705											Composite 169D

Transfer Number

Relinquished By

Accepted By

Date

Time

Reporting and Detection Limit Requirements:

Composite At-Soil Samples = 20.5 ppm

Additional Comments:

Samples collected at columns and at 24" depth



☐ 146 Hartford Road, Manchester, CT 06040
☒ 56 Quarry Road, Trumbull, CT 06611
☐ 1419 Richland Street, Columbia, SC 29201

☐ 78 Interstate Drive, West Springfield, MA 01089
☐ 610 Lynndale Court, Suite E, Greenville, NC 27858
☐ 24 Madison Avenue Extension, Albany, NY 12203

☐ 275 Promenade Street, Suite 350, Providence, RI 02908
☐ 80 Washington Street, Suite 301, Poughkeepsie, NY 12601
☐ Other _____

CHAIN-OF-CUSTODY RECORD

14123

[illegible]

Transfer Number	Relinquished By	Accepted By	Date	Time
1	R. Hobbs	FOO Fringe	6-24	1600
2	FOO Fringe	SK S-3	6/28/13	1045
3	SK S-3	FOO Fringe	6/28/13	1045
4	SK S-3	FOO Fringe	6/12	11:30

Reporting and Detection Limit Requirements:
Composite 16-soil samples = <0.5 ppm

Additional Comments:
Samples collected at columns and at 24" depth.



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 22, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date	Time
06/24/13	17:15
06/28/13	16:36

Laboratory Data

SDG ID: GBD98924
Phoenix ID: BD98924

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-190D-191D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	87		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			07/01/13	PP/K	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL

PCB (Soxhlet)

PCB-1016	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1221	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1232	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1242	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1248	0.84	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1254	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1260	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1262	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1268	ND	0.37	mg/kg	07/02/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	88	%	07/02/13	AW	30 - 150 %
% TCMX	88	%	07/02/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-190D-191D

Phoenix I.D.: BD98924

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 22, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date

Time

06/24/13 17:25
06/28/13 16:36

Laboratory Data

SDG ID: GBD98924
Phoenix ID: BD98925

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-192D-193D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	85		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			07/01/13	PP/K	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL

PCB (Soxhlet)

PCB-1016	ND	0.39	mg/kg	07/02/13	AW	3540C/8082
PCB-1221	ND	0.39	mg/kg	07/02/13	AW	3540C/8082
PCB-1232	ND	0.39	mg/kg	07/02/13	AW	3540C/8082
PCB-1242	ND	0.39	mg/kg	07/02/13	AW	3540C/8082
PCB-1248	ND	0.39	mg/kg	07/02/13	AW	3540C/8082
PCB-1254	ND	0.39	mg/kg	07/02/13	AW	3540C/8082
PCB-1260	ND	0.39	mg/kg	07/02/13	AW	3540C/8082
PCB-1262	ND	0.39	mg/kg	07/02/13	AW	3540C/8082
PCB-1268	ND	0.39	mg/kg	07/02/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	84	%	07/02/13	AW	30 - 150 %
% TCMX	96	%	07/02/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-192D-193D

Phoenix I.D.: BD98925

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

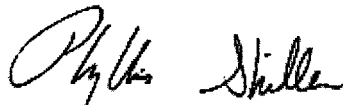
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 22, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date

Time

06/24/13 17:35
06/28/13 16:36

Laboratory Data

SDG ID: GBD98924
Phoenix ID: BD98926

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-196D-197D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	87		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			07/01/13	PP/K	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL

PCB (Soxhlet)

PCB-1016	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1221	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1232	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1242	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1248	0.61	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1254	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1260	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1262	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1268	ND	0.37	mg/kg	07/02/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	106	%	07/02/13	AW	30 - 150 %
% TCMX	88	%	07/02/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-196D-197D

Phoenix I.D.: BD98926

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

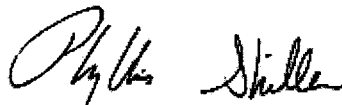
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 22, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date

Time

06/24/13 17:45
06/28/13 16:36

Laboratory Data

SDG ID: GBD98924
Phoenix ID: BD98927

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-198D-199D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	90		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			07/01/13	PP/K	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL

PCB (Soxhlet)

PCB-1016	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1221	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1232	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1242	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1248	0.5	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1254	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1260	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1262	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1268	ND	0.37	mg/kg	07/02/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	102	%	07/02/13	AW	30 - 150 %
% TCMX	87	%	07/02/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-198D-199D

Phoenix I.D.: BD98927

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

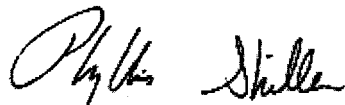
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 22, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date

06/24/13
06/28/13

Time

17:55
16:36

Laboratory Data

SDG ID: GBD98924
Phoenix ID: BD98928

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-200D-201D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	89		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			07/01/13	PP/K	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL

PCB (Soxhlet)

PCB-1016	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1221	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1232	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1242	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1248	0.81	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1254	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1260	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1262	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1268	ND	0.37	mg/kg	07/02/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	87	%	07/02/13	AW	30 - 150 %
% TCMX	90	%	07/02/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-200D-201D

Phoenix I.D.: BD98928

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------


RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 22, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date

Time

06/24/13 18:05
06/28/13 16:36

Laboratory Data

SDG ID: GBD98924
Phoenix ID: BD98929

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-204D-205D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	88		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			07/01/13	PP/K	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL

PCB (Soxhlet)

PCB-1016	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1221	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1232	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1242	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1248	1.8	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1254	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1260	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1262	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1268	ND	0.37	mg/kg	07/02/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	105	%	07/02/13	AW	30 - 150 %
% TCMX	100	%	07/02/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-204D-205D

Phoenix I.D.: BD98929

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

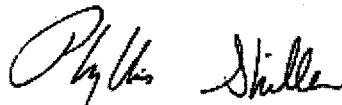
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 22, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date

Time

06/24/13 18:10
06/28/13 16:36

Laboratory Data

SDG ID: GBD98924
Phoenix ID: BD98930

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-208D-209D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	89		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			07/01/13	PP/K	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL

PCB (Soxhlet)

PCB-1016	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1221	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1232	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1242	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1248	0.69	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1254	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1260	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1262	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1268	ND	0.37	mg/kg	07/02/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	102		%	07/02/13	AW	30 - 150 %
% TCMX	98		%	07/02/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-208D-209D

Phoenix I.D.: BD98930

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

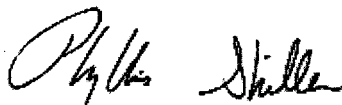
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 22, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date

Time

06/24/13 18:20
06/28/13 16:36

Laboratory Data

SDG ID: GBD98924
Phoenix ID: BD98931

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-210D-211D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	92		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			07/01/13	PP/K	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL

PCB (Soxhlet)

PCB-1016	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1221	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1232	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1242	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1248	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1254	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1260	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1262	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1268	ND	0.36	mg/kg	07/02/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	83	%	07/02/13	AW	30 - 150 %
% TCMX	81	%	07/02/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-210D-211D

Phoenix I.D.: BD98931

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

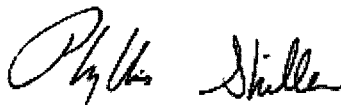
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 22, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date	Time
06/24/13	18:30
06/28/13	16:36

Laboratory Data

SDG ID: GBD98924
Phoenix ID: BD98932

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-212D-213D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	95		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			07/01/13	PP/K	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL

PCB (Soxhlet)

PCB-1016	ND	0.34	mg/kg	07/02/13	AW	3540C/8082
PCB-1221	ND	0.34	mg/kg	07/02/13	AW	3540C/8082
PCB-1232	ND	0.34	mg/kg	07/02/13	AW	3540C/8082
PCB-1242	ND	0.34	mg/kg	07/02/13	AW	3540C/8082
PCB-1248	ND	0.34	mg/kg	07/02/13	AW	3540C/8082
PCB-1254	ND	0.34	mg/kg	07/02/13	AW	3540C/8082
PCB-1260	ND	0.34	mg/kg	07/02/13	AW	3540C/8082
PCB-1262	ND	0.34	mg/kg	07/02/13	AW	3540C/8082
PCB-1268	ND	0.34	mg/kg	07/02/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	84	%	07/02/13	AW	30 - 150 %
% TCMX	84	%	07/02/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-212D-213D

Phoenix I.D.: BD98932

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

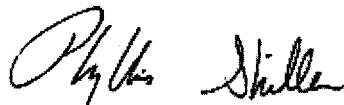
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 22, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date

Time

06/24/13 13:05
06/28/13 16:36

Laboratory Data

SDG ID: GBD98924
Phoenix ID: BD98933

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-41C-42C

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	90		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			07/01/13	PP/K	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL

PCB (Soxhlet)

PCB-1016	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1221	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1232	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1242	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1248	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1254	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1260	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1262	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1268	ND	0.36	mg/kg	07/02/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	82	%	07/02/13	AW	30 - 150 %
% TCMX	93	%	07/02/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-41C-42C

Phoenix I.D.: BD98933

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------


RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 22, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date

06/24/13
06/28/13

Time

17:00
16:36

Laboratory Data

SDG ID: GBD98924
Phoenix ID: BD98934

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-208C-209C

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	91		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			07/01/13	PP/K	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL

PCB (Soxhlet)

PCB-1016	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1221	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1232	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1242	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1248	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1254	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1260	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1262	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1268	ND	0.36	mg/kg	07/02/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	100	%	07/02/13	AW	30 - 150 %
% TCMX	94	%	07/02/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-208C-209C

Phoenix I.D.: BD98934

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------


RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 22, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date

06/25/13
06/28/13

Time

9:30
16:36

Laboratory Data

SDG ID: GBD98924
Phoenix ID: BD98935

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-CONCRETE-03C-04C

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	90		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			07/01/13	PP/K	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL

PCB (Soxhlet)

PCB-1016	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1221	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1232	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1242	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1248	1.9	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1254	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1260	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1262	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1268	ND	0.36	mg/kg	07/02/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	97	%	07/02/13	AW	30 - 150 %
% TCMX	99	%	07/02/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD98935

Client ID: 201306241007 ECC-AG-CONCRETE-03C-04C

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------


RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

July 22, 2013

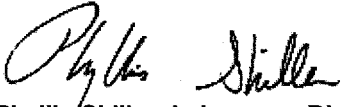
QA/QC Data

SDG I.D.: GBD98924

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 238273, QC Sample No: BD98924 (BD98924, BD98925, BD98926, BD98927, BD98928, BD98929, BD98930, BD98931, BD98932, BD98933, BD98934, BD98935)									
Polychlorinated Biphenyls - Soil, Solid									
PCB-1016	ND	90	91	1.1				40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	88	88	0.0				40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	85	85	86	1.2				30 - 150	30
% TCMX (Surrogate Rec)	86	90	91	1.1				30 - 150	30

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference


Phyllis Shiller, Laboratory Director
July 22, 2013

Monday, July 22, 2013
Requested Criteria: None
State: CT

Sample Criteria Exceedences Report

GBD98924 - FOPCBTR

Page 1 of 1

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL	Analysis Units
--------	-------	-----------------	----------	--------	----	----------	----	----------------

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Reasonable Confidence Protocol Laboratory Analysis QA/QC Certification Form

Laboratory Name: Phoenix Environmental Labs, Inc. **Client:** F&OPCBTR

Project Location: CENTRAL HIGH SCHOOL **Project Number:**

Laboratory Sample ID(s): BD98924, BD98925, BD98926, BD98927, BD98928, BD98929, BD98930, BD98931, BD98932, BD98933, BD98934, BD98935

Sampling Date(s): 6/24/2013, 6/25/2013

RCP Methods Used:

☐ 1311/1312 ☐ 6010 ☐ 7000 ☐ 7196 ☐ 7470/7471 ☐ 8081 ☐ EPH ☐ TO15
☒ 8082 ☐ 8151 ☐ 8260 ☐ 8270 ☐ ETPH ☐ 9010/9012 ☐ VPH

1.	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1a.	Were the method specified preservation and holding time requirements met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1b.	EPH and VPH methods only: Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA
2.	Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3.	Were samples received at an appropriate temperature (< 6 Degrees C)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
4.	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5a.	Were reporting limits specified or referenced on the chain-of-custody?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5b.	Were these reporting limits met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
6.	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
7.	Are project-specific matrix spikes and laboratory duplicates included in the data set?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA

Note: For all questions to which the response was "No" (with the exception of question #5a, #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence".

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized
Signature: _____

Rmakol

Date: Monday, July 22, 2013

Printed Name: Rashmi Makol

Position: Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

July 22, 2013

SDG I.D.: GBD98924

PCB Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Au-ecd24 07/02/13-1 (BD98930)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 7/2/2013

Instrument: Au-ecd5 07/02/13-1 (BD98927)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 7/2/2013

Instrument: Au-ecd7 07/02/13-1 (BD98924, BD98925, BD98926, BD98927, BD98928, BD98929, BD98930, BD98931, BD98932, BD98933, BD98934, BD98935)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 7/2/2013

Instrument: Au-ecd8 07/02/13-1 (BD98924)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

July 22, 2013

SDG I.D.: GBD98924

Printed Name Adam Werner
Position: Chemist
Date: 7/2/2013

QC (Site Specific)

———— Sample No: BD98924, QA/QC Batch: 238273 ————

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

A matrix effect is suspected when a MS/MSD recovery is outside of criteria. No further action is required if LCS/LCSD compounds are within criteria.

Temperature Narration

The samples in this delivery group were received at 6°C.
(Note acceptance criteria is above freezing up to 6°C)



FUSS & O'NEILL
Disciplines to Deliver
(860) 646-2469 • www.FandO.com

- ☐ 146 Hartford Road, Manchester, CT 06040
☒ 56 Quarry Road, Trumbull, CT 06611
☐ 1419 Richland Street, Columbia, SC 29201

- ☐ 78 Interstate Drive, West Springfield, MA 01089
☐ 610 Lynndale Court, Suite E, Greenville, NC 27838
☐ 24 Madison Avenue Extension, Albany, NY 12203

- ☐ 275 Promenade Street, Suite 350, Providence, RI 02908
☐ 80 Washington Street, Suite 301, Poughkeepsie, NY 12601
☐ Other

CHAIN-OF-CUSTODY RECORD

14124

PROJECT NAME

Central High School

PROJECT LOCATION

Bridgeport, CT

PROJECT NUMBER

2010739-AZE

LABORATORY

Phoenix

REPORT TO:

Kevin McLaughlin / Karen Redfield

Analysis Request

INVOICE TO:

P.O. No.:

Sampler's Signature:

B. Hoffner

Date: 6-24-13

Source Codes:

MW=Monitoring Well
SW=Surface Water

PW=Potable Water
T=Treatment Facility

W=Waste
A=Air

S=Soil
B=Bediment

X=Other

Item No.	Transfer Check				Sample Number	Source Code	Date Sampled	Time Sampled
	1	2	3	4				
81	✓	✓	✓	✓	201306241007	S	6-24	1710
82	✓	✓	✓	✓	ECC-AG-SOIL-190D			1715
83	✓	✓	✓	✓	ECC-AG-SOIL-191D			1720
84	✓	✓	✓	✓	ECC-AG-SOIL-192D			1725
85	✓	✓	✓	✓	ECC-AG-SOIL-193D			1730
86	✓	✓	✓	✓	ECC-AG-SOIL-196D			1735
87	✓	✓	✓	✓	ECC-AG-SOIL-197D			1740
88	✓	✓	✓	✓	ECC-AG-SOIL-198D			1745
89	✓	✓	✓	✓	ECC-AG-SOIL-199D			1750
90	✓	✓	✓	✓	ECC-AG-SOIL-200P			1755
	✓	✓	✓	✓	ECC-AG-SOIL-201D			

Soil VOA Vial () methanol	Water VOA Vial () 250 ml	Plastic - As is () 250 ml	Plastic - H ₂ SO ₄ () 250 ml	Plastic - HNO ₃ () 250 ml	Plastic - NaOH () 250 ml	Comments
Glass Soil Container (H) 250 ml	Glass Soil Container (H) 250 ml	Glass Amber () 250 ml	Glass Amber () 250 ml	Glass Amber () 250 ml	Glass Amber () 250 ml	
Other () 250 ml	Other () 250 ml	Other () 250 ml	Other () 250 ml	Other () 250 ml	Other () 250 ml	

Soil VOA Vial () methanol	Water VOA Vial () 250 ml	Plastic - As is () 250 ml	Plastic - H ₂ SO ₄ () 250 ml	Plastic - HNO ₃ () 250 ml	Plastic - NaOH () 250 ml	Comments
Glass Soil Container (H) 250 ml	Glass Soil Container (H) 250 ml	Glass Amber () 250 ml	Glass Amber () 250 ml	Glass Amber () 250 ml	Glass Amber () 250 ml	
Other () 250 ml	Other () 250 ml	Other () 250 ml	Other () 250 ml	Other () 250 ml	Other () 250 ml	

Transfer Number	Relinquished By	Accepted By	Date	Time
1	B. Hoffner	F.O. Fudge	6-24	1600
2	F.O. Fudge	S. Hoffner	6-28-13	1015
3	S. Hoffner	Kevin McLaughlin	6-28-13	1015
4	Kevin McLaughlin	John	6-28-13	1630

Reporting and Detection Limit Requirements:

Composite At-Soil Samples = 20.5 ppm

Additional Comments:

Samples collected at Columns and 24" depth



FUSS & O'NEILL

Disciplines to Deliver

(860) 646-2469 • www.PandO.com

- ☐ 146 Hartford Road, Manchester, CT 06040
- ☒ 56 Quarry Road, Trumbull, CT 06611
- ☐ 1419 Richland Street, Columbia, SC 29201

- ☐ 78 Interstate Drive, West Springfield, MA 01089
- ☐ 610 Lyndale Court, Suite E, Greenville, NC 27858
- ☐ 24 Madison Avenue Extension, Albany, NY 12203

- ☐ 275 Promenade Street, Suite 350, Providence, RI 02908
☐ 80 Washington Street, Suite 301, Poughkeepsie, NY 12601
☐ Other _____

CHAIN-OF-CUSTODY RECORD

14126

PROJECT NAME		PROJECT LOCATION		PROJECT NUMBER		LABORATORY	
Central High School		Bridgeport, CT		20110739.AZE		Phoenix	
REPORT TO: Kevin McCarthy of Karan Real Field				Containers			
INVOICE TO:				Analysis Request			
P.O. No:				<div style="border: 1px solid black; padding: 5px; transform: rotate(-45deg); display: inline-block;"> P85 25402 / 8082 </div>			
Sampler's Signature: <u>B. Holburn</u> Date: <u>6-24-13</u>				Source Codes: MW=Monitoring Well SW=Surface Water T=Treatment Facility B=Sediment W=Waste A=Air			
Source Codes: MW=Monitoring Well SW=Surface Water T=Treatment Facility B=Sediment W=Waste A=Air				X=Other <u>Adjacent concrete (ground)</u>			
Item No.	Transfer Check	Sample Number	Source Code	Date Sampled	Time Sampled	Comments	
99	✓	201306241007	S	6-24	1300	✓	Composite 41C
100	✓	ECC-AG-SOIL-41C			1305	✓	42C
101	✓	ECC-AG-SOIL-42C			1650	✓	Composite 228C
102	✓	ECC-AG-SOIL-208C			1700	✓	209C
103	✓	ECC-AG-SOIL-209C			0900	✓	Composite 03C
104	✓	ECC-AG-CONCRETE-03C	X	6-25	0930	✓	04C
		ECC-AG-CONCRETE-04C			0930	✓	

Transfer Number	Relinquished By	Accepted By	Date	Time	Reporting and Detection Limit Requirements:
1	B. Matthews	F&O Freager	6-29-88	1600	Composite Samples At-501c / At-Concrete = 60.50
2	Freager	John J.	6/28/88	1025	Additional Comments: Samples 40C, 42C, 208C, 209C collected 8' from column
3	Freager	Charles Freager	6/28/88	1045	and 24" dia th.
4	Charles Freager	1	6/28/88	1030	Samples 03C, 04C collected at column at 24"

Appendix C

Technical Specification Section

POLYCHLORINATED BIPHENYL REMEDIATION

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and General Provisions of Contract, including General Supplementary Conditions apply to this Section.
- B. Pre-Renovation Hazardous Materials Survey Report dated May 2012.
- C. Self-Implementing On-Site Cleanup and Disposal Plan dated October 2013.
- D. Hazardous Materials Abatement Drawing HM-01 through HM-12.

1.2 GENERAL REQUIREMENTS

- A. The Contractor shall furnish all labor, materials, facilities, equipment, installation services, employee training, notifications, permits, licenses, certifications, agreements and incidentals necessary to perform the specified work. Work shall be performed in accordance with the contract documents, the latest regulations from the Occupational Safety and Health Administration (OSHA), the United States Environmental Protection Agency (USEPA), and all other applicable federal, state and local agencies. Whenever the requirements of the above references conflict or overlap, the more stringent provision shall apply.
- B. All project personnel engaged in the work covered under this section shall be trained in accordance with OSHA Regulations 29 CFR 1910.1000 and 29 CFR 1910.1200.
- C. This section specifies the procedures for removal of existing materials containing polychlorinated biphenyls (PCBs), equal to or greater than (\geq) 50 parts per million (ppm), in the form of exterior expansion caulking compounds and exterior concrete column/rooftop coping stone caulking compounds as PCB Bulk Product Waste.
- D. This section specifies the procedures for removal of existing materials containing PCBs, less than ($<$) 50 ppm, in the form of soil as PCB Remediation Waste.
- E. This section specifies the procedures for removal of less than ($<$) 50 ppm PCBs containing materials in the form of interior window caulking compounds, interior and exterior window/door caulking compounds, exterior door caulking compounds, interior and exterior window glazing compounds, cove base glue, floor tile mastic, and ceiling tiles.
- F. This section specifies the procedures for encapsulating surfaces containing less than ($<$) 50 ppm PCBs in the form on structural concrete.
- G. Subsequent cleaning of all adjacent surfaces upon completion of work is also included in this section.
- H. Disturbance or removal of polychlorinated biphenyls (PCB) containing materials may cause a health hazard to workers and building occupants. The Contractor shall disclose

CENTRAL HIGH SCHOOL
POLYCHLORINATED BIPHENYL REMEDIATION

to all of his workers, supervisory personnel, subcontractors and consultants who will be at job site of the seriousness of the hazard and of proper work procedures which must be followed.

- I. Where in the performance of the work, workers, supervisory personnel, subcontractors, or consultants may encounter, disturb or otherwise function in the immediate vicinity of polychlorinated biphenyls (PCB) containing materials, appropriate, continuous measures as necessary to protect all workers from the hazard of exposure shall be taken. Such measures shall include the procedures and methods described herein, regulations of the OSHA, USEPA, and local requirements as applicable.
- J. The results of the testing for PCB containing materials are identified in the Self-Implementing On-Site Cleanup and Disposal Plan.
- K. Project Scope Locations and Work Statement: The project site is the located at Cnetral High School, 1 Lincoln Boulevard, Bridgeport, Connecticut. Locations of work are also detailed on the Figures provided in Self-Implementing On-Site Cleanup and Disposal Plan (SIP). The proposed removal and disposal activities to be performed by Contractor shall include the following:
 - 1. Site preparation and controls to facilitate remediation of PCBs. Containment procedures referenced for the abatement zone must be utilized for PCB Bulk Product Waste removal.
 - 2. Health and Safety in accordance with Occupation Safety and Health Administration (OSHA) requirements.
 - 3. Remove and dispose of approximately 18,000 linear feet of exterior expansion caulking compounds and exterior concrete column/rooftop coping stone caulking compounds as PCM Bulk Product Waste.
 - 4. Remove and dispose of approximately 700 cubic yards of soil as PCB Remediation Waste.
 - 5. Remove and dispose of approximately 100 vent systems and associated exterior vent caulking compounds, 30 older single window systems and associated interior window caulking and glazing compounds, 8 stair tower window/door systems and associated interior and exterior window/door caulking and glazing compounds, 190,000 square feet of floor tile black mastic, 10,000 square feet of cove base glue, and 20,000 square feet of ceiling tiles as <50 ppm PCB Containing Materials mixed with asbestos.
 - 6. Encapsulation of 18,000 square feet of contaminated structural concrete.
 - 7. Cleaning of each work area following complete removal of PCB containing materials to ensure adherence for post cleaning verification levels established in above referenced SIP.
 - 8. Recordkeeping and distribution as required in accordance with 40 CFR part 761.125 (c)(5).

1.3 REFERENCES

- A. The publications listed below form a part of this specification to the extent referenced. The publications are referred to in the text by basic designation only. Where a conflict or overlap among regulations and/or these specifications exist, the most stringent requirements shall apply.
 - 1. American National Standards Institute (ANSI)
 - a. ANSI.Z89.1 Personnel Protective Equipment - Protective Headwear for

CENTRAL HIGH SCHOOL
POLYCHLORINATED BIPHENYL REMEDIATION

- Industrial Worker's Requirements (Latest Revision)
 - b. ANSI Z87
- 2. Code of Federal Regulations (CFR)
 - a. 29 CFR Subpart D- Walking, Working Surfaces
 - b. 29 CFR 1910.120 - Hazardous Waste Operations and Emergency Response (HAZWOPER).
 - c. 29 CFR 1910.134 - Respiratory Protection Standard
 - d. 29 CFR 191.0.146 - Permit-Required Confined Spaces
 - e. 29 CFR 1910.1000 - Air Contaminants (Table Z-1)
 - f. 29 CFR 1910.1200 - Hazard Communication
 - g. 29 CFR 1926.20 - General Health and Safety Provisions
 - h. 29 CFR 1926.57 - Ventilation
 - i. 29 CFR 1926.59 - Hazard Communication Program
 - j. 29 CFR 1926.62 - Lead Exposure in Construction
 - k. 29 CFR 1926.95 - Criteria for Personal Protective Equipment
 - l. 29 CFR 1926, Subpart H - Materials Handling, Storage, Use and Disposal
 - m. 29 CFR 1926, Subpart L - Scaffolding
 - n. 29 CFR 1926, Subpart M - Fall Protection
 - o. 29 CFR 1926, Subpart X - Ladders
 - p. 29 CFR 1926, Subpart Z - Toxic and Hazardous Substances
 - q. 40 CFR 50.6 - National Primary and Secondary Ambient Air Quality Standards for Particulate Matter
 - r. 40 CFR 260 - Hazardous Waste Management System: General
 - s. 40 CFR 261 - Identification and Listing of Hazardous Waste
 - t. 40 CFR 262 - Standards Applicable to Generators of Hazardous Waste
 - u. 40 CFR 263 - Standards Applicable to Transporters of Hazardous Waste
 - v. 40 CFR 264 - Standards for Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities
 - w. 40 CFR 265 - Interim Status Standards for Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities
 - x. 40 CFR 268 - Land Disposal Restrictions
 - y. 40 CFR 700 - Toxic Substances Control Act (TSCA)
 - z. 40 CFR 761- PCBs Manufacturing, Processing, Distribution in Commerce, and Use Prohibitions
 - aa. 49 CFR 105 - Hazardous Materials Program Definitions and General Procedures
 - ab. 49 CFR 171 - General Information, Regulations and Definitions
 - ac. 49 CFR 172 - Hazardous Material Table, Special Provisions, Hazardous Materials Communications, Emergency Response Information, and Training Requirements
 - ad. 49 CFR 173 - Shippers-General Requirements for Shipments and Packaging
 - ae. 49 CFR 177 - Carriage by Public Highway
 - af. 49 CFR 176 - Specifications for Packaging
- 3. National Institute for Occupational Safety and Health (NIOSH)
 - a. Publication Number 87-106 Respiratory Decision Logic
 - b. NIOSH /OSHA Booklet 3142 Lead in Construction
 - c. Occupational Safety and Health Guidance Manual for Hazardous Waste Site Activities (NIOSH Publication 85-115)
- 4. U.S. Environmental Protection Agency (USEPA), Toxic Substances Control Act

CENTRAL HIGH SCHOOL
POLYCHLORINATED BIPHENYL REMEDIATION

(TSCA)

- a. Polychlorinated Biphenyl (PCB) Site Revitalization Guidance Under the Toxic Substances Control Act
 - b. 40 CFR Part 761.50 - Applicability (b) (1-8)
 - c. 40 CFR Part 761.61 - PCB Remediation Waste
 - d. 40 CFR Part 761.62 - PCB Bulk Product Waste
 - e. 40 CFR Part 761.79 - Decontamination
5. Center for Disease Control (CDC): Air Pollution and Respiratory Health.

1.4 DEFINITIONS

- A. The following definitions as used within this technical specification as well as references to specific sections of the Code of Federal Regulation section 40 CFR Part 761 are provided. Definitions are extracted in part from 40 CFR Part 761.3, for full definitions refer to the specified section of regulations.
1. CERCLA means the Comprehensive Environmental Response, Compensation, and Liability Act (42 U.S.C. 9601-9657).
 2. Chemical waste landfill means a landfill at which protection against risk of injury to health or the environment from migration of PCBs to land, water, or the atmosphere is provided from PCBs and PCB Items deposited therein by locating, engineering, and operating the landfill as specified in §761.75.
 3. Cleanup Site means the areal extent of contamination and all suitable areas in very close proximity to the contamination necessary for implementation of a cleanup of PCB remediation waste, regardless of whether the site was intended for management of waste.
 4. Containment means the enclosure within the building which establishes a contaminated area and surrounds the location where PCB and/or other toxic or hazardous substance removal is taking place and establishes a Control Work Area.
 5. Designated Facility means the off-site disposer or commercial storer of PCB waste designated on the manifest as the facility that will receive a manifested shipment of PCB waste.
 6. Disposal means intentionally or accidentally to discard, throw away, or otherwise complete or terminate the useful life of PCBs and PCB Items. Disposal includes spills, leaks, and other uncontrolled discharges of PCBs as well as actions related to containing, transporting, destroying, degrading, decontaminating, or confining PCBs and PCB Items.
 7. DOT means the United States Department of Transportation.
 8. EPA identification number means the 12-digit number assigned to a facility by EPA upon notification of PCB waste activity under §761.205.
 9. Excluded PCB products means PCB materials which appear at concentrations less than 50 ppm as defined in 40 CFR §761.3.
 10. Fixed Object: means mechanical equipment, electrical equipment, fire detection systems, alarms, and all other fixed equipment, fixtures or other items which cannot be removed from the work area.
 11. Generator of PCB waste means any person whose act or process produces PCBs that are regulated for disposal under subpart D of 40 CFR Part 761, or whose act first causes PCBs or PCB Items to become subject to the disposal requirements of subpart D, or who has physical control over the PCBs when a decision is made that the use of the PCBs has been terminated and therefore is subject to the

CENTRAL HIGH SCHOOL
POLYCHLORINATED BIPHENYL REMEDIATION

disposal requirements of subpart D. Unless another provision of 40 CFR Part 761 specifically requires a site-specific meaning, "generator of PCB waste" includes all of the sites of PCB waste generation owned or operated by the person who generates PCB waste.

12. HEPA: High Efficiency Particulate Air filtration efficiency of 99.97 percent down to 0.3 microns. Filtration provided on specialized vacuums and air filtration devices to trap particles.
13. High occupancy area means any area where PCB remediation waste has been disposed of on-site and where occupancy for any individual not wearing dermal and respiratory protection for a calendar year is: 840 hours or more (an average of 16.8 hours or more per week) for non-porous surfaces and 335 hours or more (an average of 6.7 hours or more per week) for bulk PCB remediation waste. Examples could include a residence, school, day care center, sleeping quarters, a single or multiple occupancy 40 hours per week work station, a school class room, a cafeteria in an industrial facility, a control room, and a work station at an assembly line.
14. Incinerator means an engineered device using controlled flame combustion to thermally degrade PCBs and PCB Items. Examples of devices used for incineration include rotary kilns, liquid injection incinerators, cement kilns, and high temperature boilers.
15. Laboratory means a facility that analyzes samples for PCBs and is unaffiliated with any entity whose activities involve PCBs.
16. Liquid PCBs means a homogenous flowable material containing PCBs and no more than 0.5 percent by weight non-dissolved material.
17. Low occupancy area means any area where PCB remediation waste has been disposed of on-site and where occupancy for any individual not wearing dermal and respiratory protection for a calendar year is: less than 840 hours (an average of 16.8 hours per week) for non-porous surfaces and less than 335 hours (an average of 6.7 hours per week) for bulk PCB remediation waste. Examples could include an electrical substation or a location in an industrial facility where a worker spends small amounts of time per week (such as an unoccupied area outside a building, an electrical equipment vault, or in the non-office space in a warehouse where occupancy is transitory).
18. Manifest means the shipping document EPA form 8700-22 and any continuation sheet attached to EPA form 8700-22, originated and signed by the generator of PCB waste in accordance with the instructions included with the form and subpart K of this part.
19. Mark means the descriptive name, instructions, cautions, or other information applied to PCBs and PCB Items, or other objects subject to these regulations.
20. Marked means the marking of PCB Items and PCB storage areas and transport vehicles by means of applying a legible mark by painting, fixation of an adhesive label, or by any other method that meets the requirements of these regulations.
21. Municipal solid wastes means garbage, refuse, sludges, wastes, and other discarded materials resulting from residential and non-industrial operations and activities, such as household activities, office functions, and commercial housekeeping wastes.
22. Non-liquid PCBs means materials containing PCBs that by visual inspection do not flow at room temperature (25°C or 77°F) or from which no liquid passes when a 100 g or 100 ml representative sample is placed in a mesh number 60 \pm 5 percent paint filter and allowed to drain at room temperature for 5 minutes.
23. Non-porous surface means a smooth, unpainted solid surface that limits

CENTRAL HIGH SCHOOL
POLYCHLORINATED BIPHENYL REMEDIATION

penetration of liquid containing PCBs beyond the immediate surface. Examples are: smooth un-corroded metal; natural gas pipe with a thin porous coating originally applied to inhibit corrosion; smooth glass; smooth glazed ceramics; impermeable polished building stone such as marble or granite; and high density plastics, such as polycarbonates and melamines, that do not absorb organic solvents.

24. On site means within the boundaries of a contiguous property unit.
25. PCB and PCBs means any chemical substance that is limited to the biphenyl molecule that has been chlorinated to varying degrees or any combination of substances which contains such substance. Refer to §761.1(b) for applicable concentrations of PCBs. PCB and PCBs as contained in PCB items are defined in §761.3. For any purposes under this part, inadvertently generated non-Aroclor PCBs are defined as the total PCBs calculated following division of the quantity of mono-chlorinated biphenyls by 50 and di-chlorinated biphenyls by 5.
26. PCB Article means any manufactured article, other than a PCB Container, that contains PCBs and whose surface(s) has been in direct contact with PCBs. "PCB Article" includes capacitors, transformers, electric motors, pumps, pipes and any other manufactured item (1) which is formed to a specific shape or design during manufacture, (2) which has end use function(s) dependent in whole or in part upon its shape or design during end use, and (3) which has either no change of chemical composition during its end use or only those changes of composition which have no commercial purpose separate from that of the PCB Article.
27. PCB Article Container means any package, can, bottle, bag, barrel, drum, tank, or other device used to contain PCB Articles or PCB Equipment, and whose surface(s) has not been in direct contact with PCBs.
28. PCB Bulk Product Waste means waste derived from manufactured products containing PCBs in a non-liquid state, at any concentration where the concentration at the time of designation for disposal is ≥ 50 ppm PCBs. PCB bulk product waste does not include PCBs or PCB Items regulated for disposal under §761.60(a) through (c), §761.61, §761.63, or §761.64. PCB bulk product waste is further defined in 40 CFR §761.3. Note in accordance with October 2012 re-interpretation from the U.S. Environmental Protection Agency (EPA), adjacent porous materials in contact with PCB Bulk Products shall be considered PCB Bulk Product Material for disposal purposes.
29. PCB Capacitor means any capacitor that contains ≥ 500 ppm PCB. Concentration assumptions applicable to capacitors appear under §761.2.
30. PCB Container means any package, can, bottle, bag, barrel, drum, tank, or other device that contains PCBs or PCB Articles and whose surface(s) has been in direct contact with PCBs.
31. PCB-Contaminated means a non-liquid material containing PCBs at concentrations ≥ 50 ppm but < 500 ppm; a liquid material containing PCBs at concentrations ≥ 50 ppm but < 500 ppm or where insufficient liquid material is available for analysis, a non-porous surface having a surface concentration $> 10 \mu\text{g}/100 \text{ cm}^2$ but $< 100 \mu\text{g}/100 \text{ cm}^2$, measured by a standard wipe test as defined in §761.123.
32. PCB Equipment means any manufactured item, other than a PCB Container or a PCB Article Container, which contains a PCB Article or other PCB Equipment, and includes microwave ovens, electronic equipment, and fluorescent light ballasts and fixtures.
33. PCB Item means any PCB Article, PCB Article Container, PCB Container, PCB Equipment, or anything that deliberately or unintentionally contains or has as a

CENTRAL HIGH SCHOOL
POLYCHLORINATED BIPHENYL REMEDIATION

- part of it any PCB or PCBs.
34. PCB Remediation Waste means waste containing PCBs as a result of a spill, release, or other unauthorized disposal, at the following concentrations: Materials disposed of prior to April 18, 1978, that are currently at concentrations ≥ 50 ppm PCBs, regardless of the concentration of the original spill; materials which are currently at any volume or concentration where the original source was ≥ 500 ppm PCBs beginning on April 18, 1978, or ≥ 50 ppm PCBs beginning on July 2, 1979; and materials which are currently at any concentration if the PCBs are spilled or released from a source not authorized for use under this part. PCB remediation waste means soil, rags, and other debris generated as a result of any PCB spill cleanup, as further defined in 40 CFR §761.3.
35. PCB waste(s) means those PCBs and PCB Items that are subject to the disposal requirements of subpart D in 40 CFR Part 761.
36. Porous surface means any surface that allows PCBs to penetrate or pass into itself including, but not limited to, paint or coating on metal; corroded metal; fibrous glass or glass wool; unglazed ceramics; ceramics with a porous glaze; porous building stone such as sandstone, travertine, limestone, or coral rock; low-density plastics such as Styrofoam and low-density polyethylene; coated (varnished or painted) or uncoated wood; concrete or cement; plaster; plasterboard; wallboard; rubber; fiberboard; chipboard; asphalt; or tar paper. For purposes of cleaning and disposing of PCB remediation waste, porous surfaces have different requirements than non-porous surfaces.
37. RCRA means the Resource Conservation and Recovery Act (40 U.S.C. 6901 et seq.).
38. Standard wipe sample means a sample collected for chemical extraction and analysis using the standard wipe test as defined in §761.123. Except as designated elsewhere in part 761, the minimum surface area to be sampled shall be 100 cm².
39. Storage for disposal means temporary storage of PCBs that have been designated for disposal.
40. SW-846 means the document having the title "SW-846, Test Methods for Evaluating Solid Waste,"
41. Totally enclosed manner means any manner that will ensure no exposure of human beings or the environment to any concentration of PCBs.
42. Transfer facility means any transportation-related facility including loading docks, parking areas, and other similar areas where shipments of PCB waste are held during the normal course of transportation. Transport vehicles are not transfer facilities under this definition, unless they are used for the storage of PCB waste, rather than for actual transport activities. Storage areas for PCB waste at transfer facilities are subject to the storage facility standards of §761.65, but such storage areas are exempt from the approval requirements of §761.65(d) and the recordkeeping requirements of §761.180, unless the same PCB waste is stored there for a period of more than 10 consecutive days between destinations.
43. Transporter of PCB waste means, for the purposes of subpart K of 40 CFR Part 761, any person engaged in the transportation of regulated PCB waste by air, rail, highway, or water for purposes other than consolidation by a generator.
44. Transport vehicle means a motor vehicle or rail car used for the transportation of cargo by any mode. Each cargo-carrying body (e.g., trailer, railroad freight car) is a separate transport vehicle.
45. TSCA means the Toxic Substances Control Act (15 U.S.C. 2601 et seq.).

1.5 SUBMITTALS

A. The following documents shall be submitted immediately upon project award to the Owner prior to commencement of PCB Removal work:

1. Site Specific Health and Safety Plan (HASP): The Contractor shall prepare a site specific HASP plan for protection of workers and control of the work site in accordance with OSHA regulatory requirements. The HASP shall govern all work conducted at the site during the abatement of PCB materials and related debris; waste handling, sampling, waste management; and waste transportation. At a minimum, the HASP shall address the requirements set forth in 29 CFR 1910.120, as further outlined below:
 - a. Health and Safety Organization
 - b. Site Description and Hazard Assessment
 - c. Training
 - d. Medical Surveillance
 - e. Work Areas
 - f. Personal Protective Equipment
 - g. Personal Hygiene and Decontamination
 - h. Standard Operating Procedures and Engineering Controls
 - i. Emergency Equipment and First Aid Provisions
 - j. Equipment Decontamination
 - k. Air Monitoring
 - l. Telephone List
 - m. Emergency Response and Evacuation Procedures and Routes
 - n. Site Control
 - o. Permit-Required Confined Space Procedures
 - p. Spill prevention and Containment Plan
 - q. Heat and Cold Stress
 - r. Record Keeping
 - s. Community Protection Plan
2. Training Documentation: Documentation of OSHA 40-Hour HAZWOPER Training for all employees and subcontractors to be used for the abatement work.
3. PCB and or other Toxic or Hazardous Substances Disposal Plan: A written plan that details the Contractor's plan for transportation and disposal of PCB-containing or other Toxic or Hazardous Substance wastes generated during the project. The Disposal Plan shall identify:
 - a. Waste packaging, labeling, placarding and manifesting procedures.
 - b. The name, address and 24-hour contact number for the proposed treatment or disposal facility or facilities to which waste generated during the project will be transported.
 - c. The name, address, contact person(s) and state-specific permit numbers for proposed waste transporters, and EPA identification number for firms that will transport waste.
 - d. The license plate numbers of vehicles to be used in transporting of the waste from the site to the disposal facility.
 - e. The route(s) by which the waste will be transported to the designated disposal facility, and states or territories through which the waste will pass.
4. Material Safety Data Sheets: Material Safety Data Sheets (OSHA Form 174 or equivalent) and manufacturer's information shall be provided for all chemicals

CENTRAL HIGH SCHOOL
POLYCHLORINATED BIPHENYL REMEDIATION

and materials to be used during the project including but not limited to specialty cleaners and chemical stripping products.

- B. The following documents shall be submitted to the Owner within fifteen (15) work days following removal of waste from the site:

1. Waste Profile Sheets
2. Pre-Disposal Analysis Test Results (If required by disposal facility)
3. Manifests signed by the disposal facility
4. Tipping Receipts provided by the disposal facility
5. Certification of Final Treatment/Disposal signed by the responsible disposal facility official.

- C. PCB Work Closeout Submittals:

1. Disposal Site Receipts: Copy of waste shipment record and disposal site receipt showing the PCB-containing or other Toxic or Hazardous Substances materials have been properly disposed.

- D. Product Data: Catalog sheets, specifications, and application instructions for any removal products, if used.

1.6 POSTING AND RECORD MAINTENANCE REQUIREMENTS

- A. The following items shall be conspicuously displayed proximate but outside of abatement work areas.

1. Exit Routes -Emergency exit procedures and routes
2. Emergency Phone Numbers - A list indicating the telephone numbers and locations of the local hospital(s); the local emergency squad; the local fire department; the local police department; the Poison Control Center; Chemical Emergency Advise (CHEMTREC); the local Department of Health's local office; the Contractor (on-site and after hours numbers); and the environmental consultant (on-site and after hours numbers).
3. Warning Signs - Warning signs shall be in English and the language of any workers onsite who do not speak English, and be of sufficient size to be clearly legible and display the following or similar language in accordance with 29 CFR 1910.1200:

**WARNING
HAZARDOUS WASTE WORK AREA
PCBs-POISON
NO SMOKING, EATING OR DRINKING
AUTHORIZED PERSONNEL ONLY
PROTECTIVE CLOTHING IS REQUIRED IN THIS AREA**

In addition, all entrances to work areas shall be posted with a PCB M_I marker.

- B. The Contractor shall maintain the following items on-site and available for review by all employees and authorized visitors:

CENTRAL HIGH SCHOOL
POLYCHLORINATED BIPHENYL REMEDIATION

1. Contractor's Project Specific Health and Safety Plan
 2. Certificates of Training for all employees and the project Supervisor
 3. Codes, Standards and Publications
 4. Material Safety Data Sheets (MSDS) for all chemicals used during the project.
 5. Copies of the Contractor's written hazard communication, respiratory protection, and confined space entry programs.
- C. Fees, Permits and Licenses. The Contractor shall pay all licensing fees, royalties, and other costs necessary for the use of any copyrighted or patented product, design, invention, or processing in the performance of the work specified in this Section.
1. The Contractor shall be solely responsible for costs, damages, or losses resulting from any infringement of these patent rights or copyrights. The Contractor shall hold the Owner and the Owner's Authorized Representative harmless from any costs, damages, and losses resulting from any infringement of these patent rights or copyrights.
 2. The Contractor shall be responsible for securing all necessary permits for work under this Section, including hauling, removal, and disposal, fire, and materials usage, or any other permits required to perform the specified work.

1.7 QUALITY ASSURANCE

- A. The Contractor shall provide and assure that the quality of work practices and procedures to be utilized are consistent with the above listed agencies and regulations. Contractor shall utilize the latest edition, including all addenda, revisions and supplements for all regulatory agencies codes, etc.
- B. Worker's Qualifications: The persons performing PCB abatement and their supervisors shall be personally experienced in PCB abatement work and shall have been regularly employed by a company performing PCB abatement for a minimum of 3 years.
- C. Pre-Work Conference: Before the Work of this Section is scheduled to commence, a conference will be held by the Owner at the Site for the purpose of reviewing the Contract Documents, discussing requirements for the Work, and reviewing the Work procedures.
1. The conference shall be attended by the Contractor, and the Owner's Authorized Representative employed by the Owner.

1.8 MINIMUM REQUIREMENTS FOR WORKER HEALTH AND SAFETY

- A. The Contractor is responsible and liable for the health and safety of all onsite personnel and the offsite community affected by the project. All onsite workers or other persons entering the abatement work areas, decontamination areas or waste handling and staging areas shall be knowledgeable of and comply with the requirements of the site specific Health and Safety Plan at all times. The Contractor's HASP shall comply with all applicable federal, state, and local regulations protecting human health and the environment from the hazards posed by the work to be performed under this project.
- B. Consistent disregard for the provisions of the HASP shall be deemed as sufficient cause for immediate stoppage of work and termination of the Contract or any Sub Contracts

CENTRAL HIGH SCHOOL
POLYCHLORINATED BIPHENYL REMEDIATION

without compromise or prejudice to the rights of the Owner or the Owner's Authorized Representative.

- C. Any discrepancies between the Contractor's HASP and these specifications or federal and state regulations shall be resolved in favor of the more stringent requirements that provide the highest degree of protection to the project personnel and the surrounding community and environment
- D. In addition to exposure concerns relating to the presence of PCB's, other health and safety considerations will apply to the work. The Contractor shall be responsible for recognizing such hazards and shall be responsible for the health and safety of Contractor employees at all times. It is the Contractor's responsibility to comply with all applicable health and safety regulations.
- E. The HASP shall be reviewed by all persons prior to entry into the abatement, decontamination, or waste staging areas, whether a representative of the Contractor, owner, architect/engineer, environmental consultant, subcontractor(s), waste transporter or federal, state or local regulatory agency.
- F. The HASP shall be maintained so as to be readily accessible and reviewable by all site personnel throughout the duration of the abatement project and until all waste materials are removed from the site and disposed of at the appropriate disposal facility.
- G. The Contractor's site supervisor shall be responsible for ensuring that project personnel and site visitors are informed of and comply with the provisions of the HASP at all times during the project.

1.9 WORK AREAS AND ZONES

- A. The Contractor shall lay-out and clearly identify work areas in the field. Access by equipment, site personnel, and the public to the work areas shall be limited as follows:
 - 1. Abatement Zone: The Abatement Zone(s) shall consist of all interior and exterior areas where removal of PCBs and other Toxic or Hazardous Substances and waste handling and staging activities are on-going and the immediately surrounding locale or other areas where contamination could occur. The Abatement Zone for purposes of interior and exterior removal of PCB materials or other Toxic or Hazardous Substances for disposal shall be performed within a containment to isolate work areas from non-work areas. The containment shall be visibly delineated with appropriate warning signs at all approaches to Abatement (including a PCB M_L marker), and be restricted from access by all persons except those directly necessary for the completion of the respective abatement tasks. The Abatement Zone shall be located and delineated as necessary to limit access to the abatement area and to minimize risk of exposure to site workers and the general public. Access shall be controlled at the periphery of the Abatement Zone to regulate the flow of personnel and equipment into and out of the zone and to help verify that proper procedures for entering and exiting are followed. All persons within the Abatement Zone shall wear the appropriate level of protection established in the HASP. The abatement zone shall be constructed as detailed in Section 3.3 and 3.4.

CENTRAL HIGH SCHOOL
POLYCHLORINATED BIPHENYL REMEDIATION

2. Decontamination Zone: The Decontamination Zone is the transition zone between the abatement area and the clean support zone of the project site, and is intended to reduce the potential for contaminants from being dispersed from the Abatement Zone to clean areas of the site. The Decontamination Zone shall consist of a buffer area surrounding the Abatement Zone through which the transfer of equipment, materials, personnel and containerized waste products will occur and in which decontamination of equipment, personnel, and clothing will occur. The Decontamination Zones shall be constructed as a three chamber decontamination unit for workers and a two chamber equipment room for waste load out as detailed in Section 3.5. All emergency response and first aid equipment shall be readily maintained in this Zone. All protective equipment and clothing shall be removed or decontaminated in the Decontamination Zone prior to exiting to the Support Zone.
3. Support Zone: The Support Zone will consist of the area outside the Decontamination Zone and the remainder of the project site. Administrative and other support functions and any activities that by nature need not be conducted in the Abatement or Decontamination Zone related to the project shall occur in the Support Zone. Access to the Abatement and Decontamination Zones shall be controlled by the site supervisor limited to those persons necessary to complete the abatement work and which have reviewed and signed the HASP.

1.10 PERSONNEL PROTECTIVE EQUIPMENT

- A. The Contractor shall be responsible to determine and provide the appropriate level of personal protective equipment in accordance with applicable regulations and standards necessary to protect the Contractor's employees from all hazards present.
- B. The Contractor shall provide all employees with the appropriate safety equipment and protective clothing to ensure an appropriate level of protection for each task, taking into consideration the chemical, physical, ergonomic and biological hazards posed by the site and work activities.
- C. The Contractor shall establish in the HASP criteria for the selection and use of personal protective equipment (PPE).
- D. The PPE to be utilized for the project shall be selected based upon the potential hazards associated with the project site and the work to be performed. Appropriate protective clothing shall be worn at all times within the Abatement Zone.
- E. The Contractor shall provide the appropriate level of respiratory protection to all field personnel engaged in activities where respiratory hazards exist or there is a potential for such hazard to exit.
- F. The Contractor shall provide, as necessary, protective coveralls, disposable gloves and other protective clothing for all personnel that will be actively involved in abatement activities or waste handling activities or otherwise present in the Abatement Zones. Coveralls shall be of Tyvek or equivalent material. Should the potential for exposure to liquids exist, splash resistant disposable suits shall be provided and utilized.
- G. Protective coveralls, and other protective clothing shall be donned and removed within

CENTRAL HIGH SCHOOL
POLYCHLORINATED BIPHENYL REMEDIATION

the Decontamination Zone and shall be disposed of at the end of each day. Ripped coveralls shall be immediately replaced after appropriate decontamination has been completed to the satisfaction of the site supervisor. Protective clothing shall not be worn outside of the Decontamination Zone.

- H. Hard Hats, protective eyewear, rubber boots and or other non-skid footwear shall be provided by the Contractor as required for workers and authorized visitors.
- I. All contaminated protective clothing, respirator cartridges and disposable protective items shall be placed into proper containers to be provided by the Contractor for transport and proper disposal in accordance with 40 CFR 262.

1.11 EMERGENCY EQUIPMENT AND FIRST AID REQUIREMENTS

- A. The Contractor shall provide and maintain at the site, at a minimum, the following Emergency and First Aid Equipment:
 - 1. Fire Extinguishers: A minimum one (1) fire extinguisher shall be supplied and maintained at the site by the Contractor throughout the duration of the project. Each extinguisher shall be a minimum of a 20 pound Class ABC dry fire extinguisher with Underwriters Laboratory approval per 29 CFR 1910.157.
 - 2. First Aid Kit: A minimum of one (1) first aid kit meeting the requirements of 29 CFR 1910.151 shall be supplied and maintained at the site by the Contractor throughout the duration of the project.
 - 3. Communications: Telephone communications (either cellular or land line) shall be provided by the Contractor for use by site personnel at all times during the project.
- B. The Health and Safety Officer shall be notified immediately in the event of personal injury, potential exposure to contaminants, or other emergency. The site supervisor shall then immediately notify the Owner's Authorized Representative.

1.12 STANDARD SAFETY AND HEALTH PROCEDURES AND ENGINEERING CONTROLS

- A. The following provisions shall be employed to promote overall safety, personnel hygiene and personnel decontamination:
 - 1. Each Contractor or Subcontractor shall ensure that all safety equipment and protective clothing to be utilized by its personnel is maintained in a clean and readily accessible manner at the site.
 - 2. All prescription eyeglasses in use on this project shall be safety glasses conforming to ANSI Standard Z87.1. No contact lenses shall be allowed on the site.
 - 3. Prior to exiting the delineated Decontamination Zone(s), all personnel shall remove protective clothing, and place disposable items in appropriate disposal containers to be dedicated to that purpose. Following removal of PPE, personnel shall thoroughly wash and rinse their face, hands, arms and other exposed areas with soap and tap water wash and subsequent tap water rinse. A fresh supply of tap water shall be provided at the site on each work day by the Contractor for this purpose.
 - 4. All PPE used on site shall be decontaminated or disposed of at the end of each

CENTRAL HIGH SCHOOL
POLYCHLORINATED BIPHENYL REMEDIATION

work day. Discarded PPE shall be placed in sealed DOT approved 55-gallon barrels for off-site disposal.

5. Respirators, if necessary due to an upgrade to Level C PPE, shall be dedicated to each employee, and not interchanged between workers without cleaning and sanitizing.
 6. Eating, drinking, chewing gum or tobacco, smoking, and any other practice that increases the likelihood of hand to mouth contact shall be prohibited within the delineated abatement and decontamination work zones. Prior to performing these activities, each employee shall thoroughly cleanse their face, hands, arms and other exposed areas.
 7. All personnel shall thoroughly cleanse their face hands, arms and other exposed areas prior to using toilet facilities.
 8. No alcohol, tobacco, illicit drugs or firearms will be allowed on the site at any time.
 9. Contact with potentially contaminated surfaces should be avoided, if possible. Field personnel should minimize walking through standing water/puddles, mud or other wet or discolored surfaces; kneeling on ground; and placing equipment, materials or food on ground or other potentially contaminated surface.
 10. The use of the "Buddy System" shall be employed at all times while conducting work at the site. Each employee shall frequently monitor other workers for signs of heat stress or chemical exposure or fatigue: periodically examine others PPE for signs of wear or damage; routinely communicate with others; and notify the Site supervisor in the case of an emergency.
- B. Worker's must wear protective suits, protective gloves, eye protection and a minimum of half-face respirator with HEPA filter cartridge for all projects. Respiratory protection shall be in accordance with OSHA regulation 1910.134 and ANSI Z88.2.
- C. Workers must be trained as per OSHA and USEPA requirements, have medical clearance and must have recently received pulmonary function test (PFT) and respirator fit tested by a trained professional.
1. A personal air sampling program shall be in place as required by OSHA.
 2. The use of respirators must also follow a complete respiratory protection program as specified by OSHA.

PART 2 - PRODUCTS

2.1 ABATEMENT PRODUCTS

- A. All materials shall be delivered in the original packages, containers, or bundles bearing the name of the manufacturer and the brand name.
- B. Disposal Drums: Metal or fiberboard with locking ring tops, with warning labels as required by OSHA, and/or EPA.
- C. Respirators:
 1. Type: Approved by the Mine Safety and Health Administration (MSHA), Department of Labor, or the National Institute for Occupational Safety and Health (NIOSH), Department of Health and Human Services.

D. Vacuum Cleaners:

1. Type: Vacuums equipped with HEPA filters.

E. Polyethylene Sheeting:

1. Type: Minimum 6 mil., opaque, fire retardant polyethylene sheets.
2. Floor Protective Layer: Minimum 10 mil., reinforced polyethylene sheets.

F. Cleaning Products: Contractor shall at their discretion utilize specialty cleaning products such as Capsur, TechXtract or other cleaners for use in decontaminating porous and non-porous surfaces to remain. All such products shall be utilized in accordance with manufacturer's specifications as intended. Contractor shall ensure appropriate use and disposal associated with use in accordance with the MSDS sheets for each product utilized. It shall be incumbent upon the Contractor to determine the need for use of specialty products to meet required cleaning verification levels established herein and in accordance with the SIP.

G. Encapsulant Products: Two component epoxy primer resin coating with an aliphatic polyurethane top coat (Sikagard 62 & Sikalastic 735AL or equivalent), Remediation Contractor shall ensure appropriate use and disposal associated with use in accordance with the MSDS sheets for each product utilized.

2.2 GENERAL EQUIPMENT

- A. A sufficient supply of disposable mops, rags, and sponges for work area cleaning and decontamination shall be available.
- B. A sufficient supply of scaffolding, ladders, lifts, and hand tools (e.g., scrapers, wire cutters, brushes, utility knives, wire saws, etc.) shall be provided as needed.

2.3 PERSONNEL PROTECTION

- A. Safety equipment (e.g., hard hats meeting the requirements of ANSI Standard Z89.1-1981, eye protection meeting the requirements of ANSI Standard Z87.1-1979, safety shoes meeting the requirements of ANSI Standard Z41.1-1967, disposable PVC gloves or other work gloves), shall be provided to all workers and authorized visitors.
- B. Non-skid footwear shall be provided to all abatement workers. Disposable clothing shall be adequately sealed to the footwear to prevent body contamination.

PART 3 - EXECUTION

3.1 PRE-ABATEMENT MEETING

- A. At least one week prior to the start of work a Pre-Construction Meeting will be scheduled and must be attended by the Contractor and any Sub-Contractors. The assigned Contractor site supervisor is also required to attend this meeting.

CENTRAL HIGH SCHOOL
POLYCHLORINATED BIPHENYL REMEDIATION

- B. The contractor shall present a detailed project schedule and project submittals at the Pre-Construction Meeting. Variations, amendments, and corrections to the presented schedule will be discussed, and the Owner and Consultant will inform the Contractor of any scheduling adjustments for this project.
- C. Following the Pre-Construction Meeting, the Contractor shall submit a revised schedule (if needed) no later than one week after the meeting.

3.2 WORK AREA PROTECTION – ABATEMENT ZONE GENERAL

- A. Protection of Existing Construction: Perform PCB Bulk Product, PCB Remediation, and <50 PPM PCB Containing Waste removal work without damage or contamination of adjacent areas, asphalt and/or concrete paving, soils, and existing construction.
- B. Prior to commencement of PCB abatement activities at each work area, a containment system shall be constructed by the Contractor to capture and contain all materials removed during the abatement. Containment procedures referenced for the abatement zone must be utilized for PCB Bulk Product Waste removal.
- C. During all remediation activities, the Contractor shall maintain control of all entrances and exits to the work areas to ensure only authorized personnel enter the work areas and are afforded proper personal protective equipment and as required respiratory protection. All approaches to work areas shall be demarcated with appropriately worded warning signs.
- D. Work zones shall be established in accordance with this section to include abatement zone, decontamination zone, and support zone.

3.3 WORK AREA PROTECTION – ABATEMENT ZONE FOR PCB BULK PRODUCT

- A. Ground protection to prevent debris from escaping the abatement zone and to protect areas outside of abatement zone from PCB contamination shall be utilized. Protection shall include the two layers of 6-mil reinforced polyethylene sheeting securely fastened to foundation.
- D. All openings to the building interior such as doors, windows, unit ventilation, ducts, grilles shall be securely sealed with a single layer of 6-mil reinforced polyethylene sheeting from the building exterior.
- E. Ground protection and isolation barriers shall remain in place throughout work to collect dust and debris resulting from PCB Bulk Product Waste removal. All debris generated during operations including but not limited to visible caulking, dust and debris shall be HEPA vacuumed continuously throughout the work shift and at the end of a work shift to avoid accumulation. Any tears or rips that occur in protections shall be repaired or removed and replaced with new protections. Ground protection and isolation barriers shall not be removed until post-cleaning verification sampling and/or visual inspection has been performed and acceptable results have been achieved.
- F. All equipment utilized to perform cutting, or demolition of materials shall be equipped with appropriate dust collection systems.

CENTRAL HIGH SCHOOL
POLYCHLORINATED BIPHENYL REMEDIATION

- G. All surfaces adjacent to materials removed shall be properly decontaminated upon completing the removal of PCB Bulk Product Wastes. All visible dust shall be removed using HEPA vacuums and wet cleaning methods with solvent or other acceptable products.
- I. Appropriate PCB waste containers shall be placed adjacent to abatement zone within the construction chain link fence. Containers shall be lined covered and secured. The PCB waste containers shall be properly marked as described in 40 CFR part §761.40. Marking shall include a PCB M_L marker utilizing the format described in 40 CFR part §761.45.

3.4 WORK AREA PROTECTION – ABATEMENT ZONE FOR <50 PPM PCB WASTE

- A. The following work area protection shall be utilized for the removal of exterior <50 ppm PCB containing waste:
 - 1. Ground protection to prevent debris from escaping the abatement zone and to protect areas outside of abatement zone from PCB contamination shall be utilized. Protection shall include the two layers of 6-mil reinforced polyethylene sheeting securely fastened to foundation.
 - 2. Isolation barriers shall be installed on the interior of the building, at the edge of systems scheduled for removal to isolate these systems to the building exterior where work shall be performed. Two layers of 6-mil reinforced polyethylene sheeting shall create the exterior critical barrier between the Abatement Zone and Interior of the Building.
 - 3. All other openings to the building interior such as unit ventilation, ducts, grilles shall be securely sealed with a single layer of 6-mil reinforced polyethylene sheeting from the building exterior.
 - 4. Ground protection and isolation barriers shall remain in place throughout work to collect dust and debris resulting from <50 ppm PCB Containing Waste removal. All debris generated during operations including but not limited to visible caulking, dust and debris shall be HEPA vacuumed continuously throughout the work shift and at the end of a work shift to avoid accumulation. Any tears or rips that occur in protections shall be repaired or removed and replaced with new protections. Ground protection and isolation barriers shall not be removed until visual inspection has been performed and acceptable results have been achieved.
 - 5. All equipment utilized to perform cutting, or demolition of materials shall be equipped with appropriate dust collection systems.
 - 6. All surfaces adjacent to materials removed shall be properly decontaminated upon completing the removal of <50 ppm PCB Containing Materials. All visible dust shall be removed using HEPA vacuums and wet cleaning methods with solvent or other acceptable products.
 - 7. Appropriate PCB waste containers shall be placed adjacent to abatement zone within the construction chain link fence. Containers shall be lined covered and secured.

CENTRAL HIGH SCHOOL
POLYCHLORINATED BIPHENYL REMEDIATION

- B. The following work area protection shall be utilized for the removal of interior <50 ppm PCB containing waste:
1. Negative pressure containments shall be utilized for removal of interior materials. Containments shall be constructed in the same manner as negative pressure containments utilized for asbestos abatement. See Section 3.2 of 02 82 13 Asbestos Abatement for additional information.
 2. Containments shall remain in place throughout work to collect dust and debris resulting from <50 ppm PCB Containing Waste removal. All debris generated during operations including but not limited to visible floor tile mastic, cove base glue, and ceiling tiles, dust and debris shall be HEPA vacuumed continuously throughout the work shift and at the end of a work shift to avoid accumulation. Any tears or rips that occur in protections shall be repaired or removed and replaced with new protections. Containments shall not be removed until visual inspection and/or asbestos abatement final re-occupancy air testing (if necessary) has been performed and acceptable results have been achieved.
 5. All equipment utilized to perform cutting, or demolition of materials shall be equipped with appropriate dust collection systems.
 6. All surfaces adjacent to materials removed shall be properly decontaminated upon completing the removal of <50 ppm PCB Containing Materials. All visible dust shall be removed using HEPA vacuums and wet cleaning methods with solvent or other acceptable products.
 7. Appropriate PCB waste containers shall be placed adjacent to abatement zone within the construction chain link fence. Containers shall be lined covered and secured.

3.5 DECONTAMINATION ZONE

- A. The Contractor shall establish a decontamination enclosure consisting of equipment room, shower room, and clean room in series. The only access between contaminated and uncontaminated areas shall be through this decontamination enclosure. The Contractor shall ensure that employees enter and exit the Abatement Zone through the decontamination area.
- B. Access between rooms in the decontamination system shall be through double flap curtain opening airlocks.
- C. Construct the decontamination systems with wood or metal framing, 3/8" sheathing and cover both sides with a double layer of six (6) mil polyethylene sheeting, spray glued or taped at the joints. Caulk joints watertight at floor, walls, and ceiling.
- D. The Contractor shall visually inspect interior and exterior critical barriers that separate the Abatement Zone and the Interior of the Building, respectively, several times daily to assure effective seal and the Contractor shall repair defects immediately.

CENTRAL HIGH SCHOOL
POLYCHLORINATED BIPHENYL REMEDIATION

- E. Equipment room. The equipment room shall be supplied with impermeable, labeled bags and containers for the containment and disposal of contaminated protective equipment.
- F. Shower area. Shower facilities shall be provided which comply with 29 CFR 1910.141(d)(3). The showers shall be adjacent both to the equipment room and the clean room.
- G. Clean change room. The clean room shall be equipped with a locker or appropriate storage container for each worker's use. Following showering, each worker must then change into street clothing in clean change areas.
- H. Decontamination area entry procedures. The Contractor shall ensure that all workers follow proper decontamination procedures for entry into a Regulated Work area including but not limited to the following:
 - 1. Enter the decontamination area through the clean room;
 - 2. Remove and deposit street clothing within a locker provided for their use;
 - 3. Put on protective clothing and respiratory protection before leaving the clean room.
 - 4. Before entering the Abatement Zone, the Contractor shall ensure that workers pass through the equipment room.
- I. Decontamination area exit procedures. The Contractor shall ensure that all workers follow proper decontamination procedures for exit from a Regulated Work area including but not limited to the following:
 - 1. Before leaving the regulated area, workers shall remove all gross contamination and debris from their protective clothing.
 - 2. Workers shall remove their protective clothing in the equipment room and deposit the clothing in labeled impermeable bags or containers.
 - 3. Workers shall not remove their respirators in the equipment room.
 - 4. Workers shall shower prior to entering the clean room.
 - 5. After showering, workers shall enter the clean room before changing into street clothes.
- J. Equipment Room for Waste Removal: The Contractor shall establish a two chamber equipment room or area that is adjacent to the Abatement Zone for the decontamination of waste containers and equipment as noted above.
 - 1. The area must be of sufficient size as to accommodate cleaning of equipment and removing waste without spreading contamination beyond the area (as determined by visible accumulations).
 - 2. All equipment and surfaces of containers filled with PCB waste must be cleaned prior to removing them from the equipment room or area.

3.6 PCB BULK PRODUCT WASTE MATERIALS

- A. PCB Bulk Product Waste Materials shall be handled and removed from specified locations for proper disposal.
- B. Materials shall be removed in a manner which does not breakdown the materials into fine

CENTRAL HIGH SCHOOL
POLYCHLORINATED BIPHENYL REMEDIATION

dust or powder to the extent feasible. Equipment and tools to be utilized shall include hand tools and mechanical equipment such as demolition hammers to remove materials from adjacent substrates. Mechanical removal equipment shall as appropriate be fitted with dust collection systems.

- C. Any dry or brittle caulking materials shall be removed with additional engineering controls such as use of a HEPA vacuum to remove accumulated dust or debris during removal.
- D. Sequence of removal shall follow the following general requirements:
 - 1. Site preparation and controls shall be completed. Work shall not proceed until authorized by owner's representatives.
 - 2. PCB containing exterior expansion caulking compounds and exterior concrete column/rooftop coping stone caulking compounds shall be removed in their entirety for disposal as PCB Bulk Product Waste
 - 3. One brick on each side of the exterior expansion caulking compounds shall be removed in their entirety for disposal as PCB Bulk Product Waste.
 - 4. Use a solvent as appropriate to completely remove all visible materials for disposal as PCB Bulk Product.
 - 5. Clean all surface of adjacent materials using appropriate cleaning products or solvents to completely removal all dust and debris.
- E. Waste shall be immediately containerized in temporary 6-mil polyethylene disposal bags for disposal. These containers shall be sealed in abatement zone when full during collection and then placed in disposal containers/storage trailers. The containers shall not be emptied into other containers to avoid dispersal of dust or fugitive emissions.
- F. The use of minimal quantities of water to moisten the generated dust prior to collection shall be utilized. Under no circumstances shall the PCB waste show evidence of free liquid water, pooling or ponding within the waste stream. Any liquid used to wet the dust and debris to control fugitive emissions shall be properly containerized and decontaminated in accordance with 40 CFR Part §761.79 (b)(1) or disposed of in accordance with 40 CFR Part §761.60 (a).
- H. PCB Bulk Product Waste shall be stored for disposal in accordance with 40 CFR Part §761.65 and marked in accordance with 40 CFR Part §761.40 and §761.45.
- I. All waste containers shall be appropriately labeled in accordance with 40 CFR Part §761.40 and §761.45. Labeling shall include the PCB M_L marker.

3.7. PCB REMEDIATION WASTE –SOIL

- A. All designated for removal shall be excavated and transported off-site for disposal as PCB Remediation Waste.
- B. Soil removal shall be competed in accordance with 40 CFR Part §761.61(a). The remediation goal is to remove PCB contaminated soils to meet clearance concentration of <1ppm.

CENTRAL HIGH SCHOOL
POLYCHLORINATED BIPHENYL REMEDIATION

- C. Post removal verification sampling shall be conducted by Consultant, in all excavation areas to demonstrate that the cleanup goals have been met.
- D. Soil shall be excavated from foundation to a distance of five feet from the foundation. Depth of excavation shall be as specified in the Self-Implementing On-Site Clean-Up and Disposal Plan.
- E. During excavation work, use of wetting to control dust and visible emissions shall be required. The Contractor shall ensure that upon completion of soil excavation adjacent masonry surfaces are cleaned of visible dust and soil deposits resulting from PCB contaminated soil removal.
- F. During excavation work, an excavator or other similar type of equipment shall be used to remove the soil. Equipment utilized for removal shall not be permitted to enter the abatement zone, only the bucket shall be authorized to enter the abatement zone. The vehicle shall not be authorized to enter the work zone due to difficulties in decontaminating wheels that come in contact with contaminated soil.
- G. All PCB Remediation Waste shall be stored for disposal in accordance with 40 CFR Part §761.65.
- H. All waste containers shall be appropriately labeled in accordance with 40 CFR Part §761.40 and §761.45. Marking shall include the PCB M_L marker.
- I. Soil excavations will be backfilled with certified clean soil meeting the CTDEEP Remediation Standards Regulations (RSRs) for the Residential Direct Exposure Criteria (RDEC) and Groundwater Classification B (GB) Pollutant Mobility Criteria (PMC). Bushes removed during soil excavation shall be replaced in kind.
 - 1. Scope for soil sample collection:
 - a. Consultant will review the characterization data of soil being brought on-site
 - b. Collect one composite soil sample (made up of three sample locations) for every 500 cubic yards (CY) of material planned to be brought to the site for use as clean fill.
 - 2. Laboratory analysis of soil characterization shall include the following:
 - a. Volatile Organic Compounds (VOCs by method 8260)
 - b. Polynuclear Aromatic Hydrocarbons (PAHs by method 8270)
 - c. Extractable Total Petroleum Hydrocarbons (ETPH)
 - d. Polychlorinated Biphenyls (PCBs by method 8082)
 - e. Pesticides and Herbicides (by method 8081)
 - f. RSR metals (Mass and SPLP)

3.8 <50 PPM PCB CONTAINING MATERIALS

- A. PCB-containing materials containing less than 50 ppm and are to be removed from specified locations for proper disposal.
- B. Materials shall be removed in a manner which does not breakdown the materials into fine dust or powder to the extent feasible. Equipment and tools to be utilized shall include

CENTRAL HIGH SCHOOL
POLYCHLORINATED BIPHENYL REMEDIATION

hand tools and mechanical equipment such as demolition hammers to remove materials from adjacent substrates. Mechanical removal equipment shall as appropriate be fitted with dust collection systems.

- C. Any dry or brittle materials or other PCB waste containing PCB <50 ppm shall be removed with additional engineering controls such as use of a HEPA vacuum to remove accumulated dust or debris during removal.
- D. Sequence of removal shall follow the following general requirements:
 - 1. Construction of a regulated area shall be performed.
 - 2. Removal of <50 ppm PCB containing materials using hand tools and/or mechanical equipment fitted with dust collection systems.
 - 3. Use a solvent as appropriate to completely remove all visible materials for disposal as PCB Waste <50 ppm and asbestos.
 - 4. Clean all surface of adjacent materials using appropriate cleaning products or solvents to completely removal all dust and debris.
- E. Waste shall be immediately containerized in 6-mil polyethylene disposal bags then placed into steel 55-gallon DOT approved drums for disposal. Waste generated includes PCB <50 ppm. The waste shall be containerized in six-mil polyethylene bags or sheeting. Facility proposed for disposal shall be permitted to accept waste with PCB <50 ppm. See also requirements for asbestos waste disposal in Section 02 82 13.
- F. The use of minimal quantities of water to moisten the generated dust prior to collection shall be utilized. Under no circumstances shall the PCB waste show evidence of free liquid water, pooling, or ponding within the waste stream. Any liquid used to wet the dust and debris to control fugitive emissions shall be properly containerized and decontaminated in accordance with 40 CFR Part §761.79 (b)(1) or disposed of in accordance with 40 CFR Part §761.60 (a).

3.9 ENCAPSULATION OF CONTAMINATED STRUCTURAL CONCRETE

- A. The Contractor shall upon completion of work obtain visual inspection of complete removal of exterior concrete column/rooftop coping stone caulking compounds associated with structural concrete.
- B. Once acceptable the Contractor shall provide encapsulant to be utilized consisting of a two component epoxy primer resin coating with an aliphatic polyurethane top coat (Sikagard 62 & Sikalastic 735AL or equivalent), applied in accordance with manufacturer's instructions.
- C. MSDS sheets shall be maintained and storage and disposal requirements shall be adhered to according to the MSDS.
- D. Encapsulants shall be applied to location of prior caulk joint locations following the removal of all caulking compounds to seal substrates prior to installation of new caulking compounds.
- E. Encapsulant shall be applied to surface a minimum distance of 6 inches from each side of caulking joint onto substrate and to the full depth of joints. Note encapsulant will be

painted over so application shall be smooth and continuous.

3.10 CLEANING AND DECONTAMINATION

- A. The Contractor shall be responsible for complete cleaning and decontamination of the Abatement Zone upon completion of work. The Abatement Zone will be required to meet proposed Verification Sampling limits established in the SIP prior to containment tear down.
- B. The Contractor shall utilize HEPA vacuum and wet cleaning products to remove all visible dust and debris from all surfaces within the work area. If specialty products are utilized the Contractor shall utilize in accordance with manufacturer's specifications including any additional safety and disposal requirements for such use.
- C. Cleaning of containment barriers shall be performed prior to removal leaving critical barriers at openings, decontamination units and negative air filtration devices in place until results of post verification sampling indicate acceptable limits. Cleaning shall be performed from ceiling to floors.
- D. Any liquid used to wet the dust and debris to control fugitive emissions shall be collected and decontaminated in accordance with 40 CFR Part §761.79(b)(1) or disposed of in accordance with §761.60(a).
- E. All rags and other cleaning materials used to clean shall also be properly disposed as PCB Remediation Waste. All PCB Remediation Waste shall be stored for disposal in accordance with 40 CFR Part §761.65. All waste containers shall be appropriately marked in accordance with 40 CFR Part §761.40 and §761.45.
- F. Equipment to be utilized in connection with the removal of PCB Bulk Product Waste and PCB Remediation Waste including waste collection or that will or may come in direct contact with the site contaminants shall be decontaminated prior to leaving the site to prevent migration of the contaminated residues from the project site. Decontamination shall be in accordance with 40 CFR Part §761.79 and Sub-part S procedures.
- G. All non-disposable equipment and tools employed in the course of the project will be decontaminated at the conclusion of each work day through the following sequence:
 - 1. Initial tap water rinse, to remove gross contaminants
 - 2. Tap water and hexane or equivalent wash
 - 3. Tap water rinse
 - 4. Second tap water and hexane or equivalent wash
 - 5. Second tap water rinse
- H. The wash water and decontamination liquids shall be captured and containerized in DOT approved 55-gallon barrels for off-site disposal.

3.11 CERTIFICATION OF ABATEMENT AND SAMPLING

- A. The Owner shall retain a Consultant (Owner's Authorized Representative) to perform periodic inspections and sampling during the work. Site visits shall be scheduled based on the progress of the work and at critical time periods.

CENTRAL HIGH SCHOOL
POLYCHLORINATED BIPHENYL REMEDIATION

- B. The Consultant shall perform real time monitoring for dust particulate using Dust Trak or equivalent monitoring devices for total dust. Sampling may be performed prior to abatement for background comparison to during abatement sampling. In addition, air sampling outside of the Abatement Zone, may be performed periodically during active removal activities at the Owner's Authorized Representative's discretion for laboratory confirmation.
- C. It should be noted that if the results of air samples exceed established action levels or ambient background conditions for real time monitoring whichever is less the Contractor will be required to implement work stoppage to determine causes of exceeding results and as necessary utilize additional containment measures or engineering controls. Any resulting decontamination of areas beyond the Abatement Zone shall be responsibility of the Contractor.
- D. The Consultant shall perform post-cleaning verification and post-remediation verification sampling as necessary to determine complete removal of PCB's. Refer to the Self-Implementing On-Site Cleanup and Disposal Plan for requirements for determination of clearance levels.
- E. Once post-cleaning and post-verification sampling has documented the Abatement Zone meets required criteria established in the Self-Implementing On-Site Cleanup and Disposal Plan, the Contractor shall be permitted to remove decontamination unit, isolation barriers, negative pressure units, etc. These areas shall be subjected to a visual inspection to ensure no visible dust is present.

3.12 MARKING OF WASTE CONTAINERS

- A. All waste containers must be marked with the name of the waste contained; the date in which the first material was placed in the vessel; and the last date at which addition of waste occurred. All waste containers must be marked with a PCB M_L marker.
- B. All waste containers containing PCB Bulk Product Waste, Bulk PCB Remediation Waste and PCB contaminated debris, containment system components, used personnel protective equipment, personal and equipment wash water and decontamination fluids, or other wastes generated during the abatement work shall be labeled as follows:

DOT Class 9 UN3432 (solid)
Or UN2315 (liquid) PCB Waste
RQ
Waste for Disposal

Federal law prohibits improper disposal.
If found, contact the nearest police or public safety authority or
the U.S. Environmental Protection Agency.

- a. Generator's Information: _____
- b. Manifest Tracking No.: _____
- c. Accumulation Start Date: _____
- d. EPA ID No.: _____
- e. EPA Waste No.: _____
- f. Total Weight: _____

g. Container No.: _____
HANDLE WITH CARE!

In addition, these containers must be marked with a PCB M_L marker.

- C. Such marking must be durable, in English and printed on or affixed to the surface of the package or on a label, tag or sign; displayed on a background of sharply contrasting color; un-obscured by labels or attachments and located away from any other marking (such as advertising) that could substantially reduce its effectiveness.

3.13 ON-SITE WASTE MANAGEMENT AND DISPOSAL OF SOLID HAZARDOUS WASTES

- A. All solid waste material, containment system components, used personnel protective equipment, and other solid wastes generated during the work, shall be placed directly in appropriate waste receptacles immediately upon removal from its in-situ position. Suitable waste receptacles may consist of roll-off containers or DOT-approved 55-gallon barrels.
- B. The Contractor shall be responsible for all packaging, labeling, transport, and disposal and record-keeping associated with PCB or PCB contaminated waste in accordance with all federal, state and local regulations.
- C. The Contractor shall ensure that the person transporting the waste holds a valid permit issued in accordance with appropriate federal, state, and local regulations.
- D. The Contractor shall provide to the transporter at the time of transfer appropriate shipping records or uniform waste manifests as required by the federal, state and local regulations with a copy to the Owner and Owner's Authorized Representative.
- E. Contractor shall maintain proper follow up procedures to assure that waste materials have been received by the designated waste site in a timely manner and in accordance with all federal, state and local regulations.
- F. The Contractor shall assure that disposal of polychlorinated biphenyls (PCB) containing waste material is at a facility approved to accept such waste and shall provide a tracking/manifest form signed by the landfill's authorized representative.
- G. If roll-off containers are to be utilized for containerization of the abatement wastes the following shall apply:
1. All roll-off containers or other similar vessels utilized shall be watertight and lined with 6-mil polyethylene sheeting or equivalent impermeable lining, and equipped with a secured and impermeable cover.
 2. The impermeable cover shall remain securely in place at all times when material is not being actively placed in the vessels. The Contractor shall be responsible for ensuring that the cover remains securely intact until the container is removed from the site.
- H. If 55-Gallon barrels are to be utilized for waste containerization, the barrels shall consist of suitable DOT-approved 55-gallon barrels that are watertight and free of corrosion, perforations, punctures, or other damage. All barrels shall be securely covered and sealed

CENTRAL HIGH SCHOOL
POLYCHLORINATED BIPHENYL REMEDIATION

at the conclusion of each work day.

- I. The waste containers shall remain staged at the site with a secure impermeable cover in place until the materials are transported from the site to be delivered to the designated disposal facility.
- J. A waste roll-off and barrel staging area shall be designated prior to initiation of the abatement work, and approved by the Owner's Authorized Representative. If this area is located outside of the building, the area (or areas) shall be surrounded by a chain-link fence with a minimum height of six feet. The fence shall be labeled with a PCB M_L marker.
- K. Properly containerized waste must be transported by a licensed hauler and shipped as PCB Bulk Product Waste for disposal at a permitted soil waste facility in accordance with 761.62(b).
- L. Bulk PCB Remediation Waste must be transported by a licensed hauler and shipped as PCB Remediation for disposal in accordance with 40 CFR 761.61(b) at a facility permitted by the EPA at a hazardous waste landfill permitted by EPA under section 3004 of RCRA, or by a State authorized under section 3006 of RCRA or a chemical waste landfill approved under 40 CFR 761.75 which is an EPA, TSCA approved facility for PCB Remediation Waste. Provide required copies of the uniform waste manifests for hazardous wastes to the Owner, waste generation State and waste destination State as required.
- M. Properly containerized waste must be transported by a licensed hauler and shipped as Bulk PCB Remediation Waste ≤ 50 ppm for disposal at either a facility permitted by a State to manage non-municipal hazardous waste, a EPA permitted hazardous waste landfill, or a PCB disposal facility. Provide required copies of the uniform waste manifests for PCB Remediation Waste < 50 ppm to the Owner, waste generation State and waste destination State as required.
- N. Any PCB Liquid Water Waste shall be properly containerized and decontaminated in accordance with 40 CFR Part §761.79 (b)(1) or disposed of in accordance with 40 CFR Part §761.60 (a).
- O. Any chemicals, solvents or other products used during decontamination shall be properly containerized as PCB Liquid Waste. Waste must be properly decontaminated or disposed in accordance with 40 CFR Part §761.60 (a) or 40 CFR Part §761.79 (g). PCB Liquid Waste shall be transported by a licensed hauler and shipped for treatment or disposal. Provide required copies of the uniform waste manifests for hazardous wastes to the Owner, waste generation State and waste destination State as required.
- P. All contaminated waste shall be carefully loaded on trucks or other appropriate vehicles for transport. Before and during transport, care shall be exercised to insure that no unauthorized persons have access to the material.
- Q. Transporters of the waste are prohibited from "back hauling" any freight after the disposition of the Owner's waste stream until decontamination of the vehicle and/or trailer is assured.

CENTRAL HIGH SCHOOL
POLYCHLORINATED BIPHENYL REMEDIATION

END OF SECTION

1 Introduction

This plan has been prepared by Fuss & O'Neill EnviroScience, LLC (EnviroScience) on behalf of the City of Bridgeport, Robert Hedman, School Construction Department, City of Bridgeport, City Hall, 999 Broad Street, Bridgeport, CT 06604, (203) 576-7217, robert.hedman@bridgeportct.gov and Silver Petrucelli & Associates Architects. The plan has been prepared to comply with the U.S. Environmental Protection Agency (USEPA) requirements for a Self-Implementing On-Site Clean-Up and Disposal Plan (SIP) in accordance with 40 CFR Part 761.61(a)(3).

Exterior expansion caulking compounds associated with the brick veneer and exterior concrete column/rooftop coping stone caulking compounds associated with structural concrete columns and rooftop coping stone overhangs throughout the existing building have been determined to contain polychlorinated biphenyls (PCBs) above regulated concentrations at Central High School, One Lincoln Boulevard, Bridgeport, Connecticut.

1.1 Background

1.1.1 Building Construction

The existing Central High School was constructed in 1963 and consists of a two story building. The building consists of classrooms, a cafeteria, kitchen, gymnasium, auditorium, and support spaces. The building is constructed of structural concrete walls, floors, and ceilings. The exterior of the building is a mixture of brick veneer and structural concrete.

A Site Plan of the existing building layout is included as *Figure 1-1* through *Figure 1-11*.

1.1.2 Renovation Project

The existing Central High School is scheduled for a complete renovation in 2014 and 2015.

Based on the scope of renovations, the following materials are scheduled to be removed and disposed of as PCB Bulk Product:

- Approximately 160 linear feet exterior expansion Caulking compounds – grey colored

Based on the scope of renovations, the following material is scheduled to be removed and disposed of as PCB Bulk Product and the contaminated structural concrete encapsulated:

- Approximately 18,000 linear feet of exterior concrete column/rooftop coping stone caulking compounds – white colored

Based on the scope of renovations, the following material is scheduled to be removed and disposed of as PCB Remediation Waste and the contaminated structural concrete encapsulated:

- Approximately 700 cubic yards of contaminated soils and/or concrete